

THE KANSAS INDUSTRIALIST

Volume 61

Kansas State College of Agriculture and Applied Science, Manhattan, Wednesday, February 6, 1935

Number 17

FARMERS, HOME MAKERS HERE FOR A BUSY WEEK

FIVE GIVEN RECOGNITION IN FIELD OF POULTRY HUSBANDRY

Other Production Championships To Be
Awarded—Program Will Be CH-
maxed by Farm and Home
Banquet Friday Night

Five Kansas farm people were given recognition here Tuesday for unusual achievement in the field of poultry husbandry. The announcements were made during the opening day of the annual Farm and Home week which has again attracted hundreds of visitors from all parts of the state to the Kansas State college campus. The program will continue through Friday.

Winners of the silver trophies, announced during the opening day, and the field of their outstanding work: D. B. O'Neill, Ransom, accredited flock; Mrs. Samuel Wanger, Powhattan, certified flock; Mrs. Grace V. Hutchinson, Sabetha, record of performance; Bernard I. Melia, Ford, brooding contest champion; and R. C. Black, Enterprise, poultry management contest champion. Recognition has been given outstanding poultry flock owners each year since 1930 by the Kansas Poultry Improvement association cooperating with the Kansas State college extension service.

CHAMPIONSHIPS AWARDED

The remainder of the week the program will include the awarding of other production championships. Despite the drouth of last season there will be a blue ribbon seed corn show, regular beef production championships, and a premier seed grower will be chosen.

The entire program will be climaxed by the farm and home banquet Friday night. The official presentation of the Master Farmers of Kansas will be made then. Announcement also will be made of the champions in the contests which have been held during the year. The county winning the attendance contest will be awarded the official trophy.

A BUSY WEEK

Tuesday was devoted largely to poultry and a tour of the poultry farm. The program also included a meeting of the Kansas Jersey Cattle club and home talent night at the auditorium. Dairy and home economics meetings were on the Wednesday schedule. Tomorrow live stock, home economics, beekeeping, Kansas Crop Improvement association, and Shorthorn Breeders' association meetings are scheduled.

Agronomy, home economics, and a tour of all college divisions are included on the Friday schedule.

ENTOMOLOGICAL WORK TAKES PROF. G. A. DEAN TO FLORIDA

Will Attend Meeting and Inspect
Eradication Project

Prof. George A. Dean, of the department of entomology, left last week for Miami and Key West, Fla., to attend the annual meeting of the national plant board and the southern plant board, and to inspect important federal and state entomological work.

Professor Dean is vice-chairman of the national plant board and for eight years has represented twelve of the north central states which compose the central plant board. He will spend several days inspecting work in connection with the eradication of the West Indian fruit fly and the black fly at Key West.

At Cape Sable he will have the opportunity to observe and inspect the work now in progress in eradicating wild cotton growth and the pink bollworm of cotton. The trip also will afford opportunity for observing the tropical flora on the Florida Keys.

HIGHWAY ENGINEER MEETING ON CAMPUS FEBRUARY 14-15

Authorities Will Discuss Many Im-
portant Road Questions

The division of engineering of Kansas State college and the engineering

department of the Kansas highway commission will be joint hosts Thursday and Friday, February 14 and 15, at the college for the annual conference on highway engineering.

Soil treatment, country road problems, welding practice, the contractor's point of view, highway safety, landscaping, use of bituminous materials, new developments in cements, new types of structures and materials, and the design of highway slabs are among the many subjects to be discussed.

Authorities who have accepted places on the program include S. E. Sime, bureau of public roads, Omaha; F. W. Sayer, Missouri highway commission; H. J. Gilkey, Iowa State college; R. F. Blanks, bureau of reclamation, Denver; and Frank T. Sheets, consulting engineer, Chicago.

COOPERATIVE MEAL PLAN INCREASINGLY POPULAR

Thirteen Cents a Meal, Three Hours
Work a Week, Assures Good Food
for 200 Students

Thirteen cents a meal and three hours of work a week will assure well-balanced meals for 200 Kansas State college students during the second semester, which opened January 29. During the year the cooperative meal plan at the college cafeteria has been operating, the number of participating students has doubled, according to Mrs. Bessie Brooks West of the institutional economics department.

"Of course, the meals are the same quality we serve to our regular cafeteria patrons," Mrs. West commented. "They are planned by the department of institutional economics and prepared by cafeteria cooks."

A representative cross-section of the student body has taken part in the plan—debaters, athletes, musicians, fraternity and sorority members, she said. Hours of work are adjusted to fit their class schedules.

The \$9 meal tickets, including 68 meals, went on sale January 15 to students working under the plan. Seventeen meals are served each week, none being served Saturday evening or Sunday.

"In addition to obtaining good meals economically, the students enjoy the social advantages of eating in a group," said Mrs. West. "They plan parties for their group, too, whenever they choose." The cooperative meal plan is a service to students, Mrs. West explained, especially to the men students for whom the college has no residence halls.

POPULAR SCIENCE SUNDAY LECTURE SERIES STARTS

College Museum To Be Open Each Sun-
day Afternoon—Non-technical
Talk Given at Three

Microscopic amoeba and paramoecia were projected onto a screen magnified to a foot length last Sunday afternoon for the edification of visitors to the Kansas State college museum. Their motions, their structure, were observed with interest by the 125 who had come for the first of a series of six Sunday afternoon lectures by faculty scientists.

C. G. Dobrovolsky was the first lecturer, with the subject "Living Pictures of Microscopic Animals." Prof. A. B. Sperry is scheduled for next Sunday's talk, on "Gems and Semi-Precious Stones." He will tell of the origin, history, and use of the minerals used in jewelry and in machinery and will show specimens of many of them. The museum is open from 1 to 5 o'clock Sunday afternoons; the lecture is at 3. The succeeding talks will be on evolution and heredity, wild flowers, and such subjects—all treated in non-technical, popular fashion.

New Machinery Received

The agricultural engineering department has received a new caterpillar Diesel 40 and a caterpillar tractor grader from the Caterpillar Tractor company which has loaned them for laboratory demonstration.

F. W. ATKESON SUCCEEDS J. B. FITCH AS DAIRY HEAD

WILL TAKE OVER DUTIES HERE
APRIL 1

Had Been Department Head at University of Idaho 14 Years—Received
Master's Degree from Kansas
State in 1929

F. W. Atkeson, head of the dairy department at the University of Idaho the past 14 years, has been appointed head of the department of dairy husbandry at Kansas State college. He will fill the vacancy left by Prof. J. B. Fitch who resigned to take a similar position at the University of Minnesota.

Atkeson's appointment will take effect April 1. He is not a stranger to Kansas State college, however, having served as an assistant in the dairy husbandry department here in 1918 and 1919 following his graduation from the University of Missouri in 1918. He received his master's degree from Kansas State college in 1929.

He is an accredited judge of the American Jersey Cattle club and the Holstein-Friesian association, and holds memberships in a number of national honorary and professional organizations. Among them are: Sigma Xi, Phi Kappa Phi, and Gamma Sigma Delta. In 1925 he was chairman of the western division of the Dairy Science association. He also is the author of several important bulletins on dairy subjects and a number of scientific articles.

Dean L. E. Call, in announcing the appointment, said: "Professor Atkeson is well known on the campus and all over Kansas and has a national reputation in the field of dairy husbandry."

He is married and has one child about 2 years old.

TURKISH TEXTILES LENT FOR CALVIN EXHIBITION

Mrs. R. F. White's Collection of Near
East Handwork Shown

Textiles made by Turkish women are now being exhibited in the second floor show cases in Calvin hall. All were lent by Mrs. R. F. White, who with her husband, '21, has lived in Turkey six years and is now on the Kansas State campus.

Crocheted lace from the Isle of Cyprus is also in the collection. Other pieces are a white cotton head-dress hand blocked with a black design, lace plate doilies made with needle and thread, a bright striped silk sash, a homespun cotton runner embroidered in coral and green, another in silver metal, a raw silk luncheon piece with a design in dark blue, green, and orange.

DEFINITE AMOUNT PROTEIN NEEDED TO FATTEN CATTLE

Pound More or Less of Supplement
Per Animal Would Cost Millions

A certain amount of protein is absolutely necessary to winter or fatten cattle satisfactorily, according to Dr.

C. W. McCampbell. The Kansas agricultural experiment station, through its research, has developed formulae indicating the number of pounds of cottonseed meal or other protein supplements to feed daily to secure the best results from the standpoints of gain, economy of gain, and ultimate profit.

The importance of this may be indicated by directing attention to the fact that feeding just one pound too much per head daily would add more than one and one-half million dollars in unnecessary expense to Kansas cattle production operations, and a ration lacking by one pound daily the amount needed would mean a loss of more than twice that amount.

L. E. CALL RESUMES DUTIES AS DEAN OF AGRICULTURE

Dr. W. E. Grimes and Prof. Harold
Howe Back to Former
Posts

Dean L. E. Call of the division of agriculture, who for more than a year had been president of the Federal Land bank of Wichita, resumed his duties at the college February 1. Dean Call had been on leave of absence, during which time Dr. W. E. Grimes, head of the department of agricultural economics, had been acting dean. Prof. Harold Howe had been acting head of agricultural economics. Both resumed their former assignments February 1.

Hugh L. Harrell, Oklahoma state treasurer and former banker, succeeds Mr. Call as president of the Federal Land bank.

Dean Call went to the land bank on leave from the college with the understanding he was to be relieved after six months. At the expiration of that period, however, he was prevailed upon to remain as head of the bank for the duration of the "emergency existing in the agricultural situation" of the ninth district composed of Kansas, Oklahoma, Colorado, and New Mexico.

MASEFIELD, MACAULAY ARE DISCUSSED BY N. W. ROCKEY

Paper by Mrs. Parker Ends Fourteenth
Annual English Lecture Series
on Modern Literature

Prof. N. W. Rockey and Mrs. Harriet Parker brought to a conclusion this year's series of English department lectures with discussions of the literature of 1930.

Professor Rockey gave a resume of the literary output of the last half of the third decade in the century, and then discussed in more detail Masefield's "The Wanderer of Liverpool," and with still more detail Rose Macaulay's "Staying with Relations." The authors' lives and their place among contemporary writers, characteristics of their style—especially as shown in these two books—were all taken up.

As Mrs. Parker was ill, her discussion of Hugh Walpole's "Rogue Herries" was read by Miss Helen Elcock of the department.

DESIGN I STUDENTS TRANSFORM CORKS, GOLF BALLS, SEEDS TO COSTUME TRIMS

Room-mates and families of Design I students had better keep a watchful eye on their possessions. Nothing seems to be too lowly to escape being requisitioned by them and changed as by magic into smart costume accessories. The walls of A 68 now have an exhibit of some of these metamorphoses.

A dark brown fabric purse carries a flap ornament which proved on close inspection to be an electric light socket, the lower part wrapped with soft green yarn, the top painted a coral. Next to it are copper clock springs made to decorate neck and belt of a brick red crepe dress. Corks wound with a few rounds of copper wire are used for a surprisingly decorative touch on a brown wool suit; some brother's old black and white

suspenders have been transformed into the belt for a wool school dress; steel mesh, probably bought to scour pots and pans, has been side-tracked to be the lacy top of a yellow-green crepe evening dress. Little sister's garter hooks of the last few years have been re-combined into a shoulder fastening on a street dress. Half a golf ball, wired through with copper wire, makes a pocket button for a brown linen sports dress. Even Mother Nature has been forced to bring tribute; sycamore seed balls have become the ends for cord for a drawstring neck.

All were made for a class exercise to test the ingenuity of students and to show how cheaply smart costume accessories can be evolved. The teacher was Miss Dorothy Barfoot.

MANY STATIONS CARRY FOUNDERS' DAY PROGRAM

ALUMNI ACTIVE IN ARRANGEMENTS FOR BROADCAST

Far Reaching Developments in Engineering, Agriculture, Home Economics, Research, and Extension
Will be Included

Alumni throughout the United States have become actively interested in arrangements for the annual Founders' day program which this year will go out over the National Broadcasting company's blue network the night of February 16 from 8:30 to 9 o'clock, eastern standard time.

As a result of alumni interest and cooperation several broadcasting stations have already assured Alumni Secretary Kenney L. Ford and L. L. Longsdorf, director of the college station, that they will carry the Founders' day program. These include WGAR in Cleveland; KWCR in Cedar Rapids, Iowa; WKBF in Indianapolis; W8XK, a short wave station which is complementary to KDKA in Pittsburgh, Pa., and others. W8XK can be heard throughout the United States through the use of receiving sets equipped for short wave reception.

PROGRAM OF GENERAL INTEREST

Far reaching and unusual developments in the fields of engineering, agriculture, home economics, the arts and sciences, research and extension, will be included in the dramatizations which are included in the half-hour broadcast which should be of interest not only to alumni but to radio listeners throughout the country.

The program, in observance of the seventy-second anniversary of the founding of Kansas State college, will include only one speech. President F. D. Farrell will extend greetings to friends, former students and to more than 10,000 graduates in a two-minute talk. Alma Mater, Wildcat Victory, and other college songs probably will be included. The more important events in the history of the college will be portrayed. Class work and student activities will provide material for other dramatizations.

URGED TO WRITE STATIONS

Alumni have been urged by Kenney Ford and members of the program committee headed by H. W. Davis to communicate with their favorite radio station and other stations in the N. B. C. blue network, urging them to carry the program.

H. Miles Heberer, associate professor of public speaking, has direct charge of the dramatizations.

THE DAIRY SHORT COURSES ATTRACT TWENTY-NINE MEN

Eight from Outside Kansas Take
Week's Training Course

Enrolment in the dairy manufacturing short courses for 1935 totaled 29, including eight persons from outside the state. The short courses were sponsored by the department of dairy husbandry of the college.

Eight were enrolled for instruction in market milk during the week of January 7 to 12. Lectures and practice in the production and handling of market milk, cream, cultured buttermilk, and soft cheese were included. Butter making, the following week, also attracted eight persons for six days of intensive work on the problems of the butter maker. Last week ice cream making brought an enrolment of 13 for lectures in ingredients, compositions, mix calculation, processing, gelatine, freezing, packaging, refrigeration, flavoring, and similar subjects.

Demonstrate 12-Volt System

The department of electrical engineering has constructed a model room for displaying the new 12-volt farm lighting system during Farm and Home week. This booth includes fixtures for two rooms and a barn. The purpose of the demonstration is to show the practicability of the 12-volt system which uses 6-volt storage batteries and a wind generator.

The KANSAS INDUSTRIALIST

Established April 24, 1875

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F. E. CHARLES, Managing Editor
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RALPH LA-HBROOK, Assoc. Editors
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Published weekly during the college year by the Kansas State College of Agriculture and Applied Science, Manhattan, Kansas.

Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. C. E. Rogers is head.

The price of THE KANSAS INDUSTRIALIST is \$3 a year, payable in advance.

Entered at the postoffice, Manhattan, Kansas, as second-class matter October 27, 1918. Act of July 16, 1894.

Make checks and drafts payable to the K. S. C. Alumni association, Manhattan. Subscriptions for all alumni and former students, \$3 a year; life subscriptions, \$50 cash or in installments. Membership in alumni association included.



WEDNESDAY, FEBRUARY 6, 1935

SINGIN' IN THE RAIN

Something there was about last night's home talent night festival of Kansas farm folk which was reminiscent of that popular song of five years ago, "I'm singin' in the rain, just singin' in the rain! What a glorious feelin', I'm happy again."

It takes more than financial depressions and drouths to down the sort of people who took part in the program last night—an orchestra, choruses, and quartets of five counties, dramas by people from seven others. Those who enter into community "sings" and community plays have inner resources which enable them to rise serenely above fell circumstance.

THE NEW KANSAS MAGAZINE

The 1935 Kansas Magazine, third in the current series, is full of the life that has been, is, and will be Kansas. The saga of the Sunflower state are told by such able writers as William Allen White, John P. Harris, Henry King, Jessie Perry Stratford, Henry L. Carey, Rolland Jacquot, to name a few. An interesting picture of "Log Cabin Days" is drawn in the abstracted story by Mrs. Angelica Eastham.

Reminiscences by E. E. Kelley; an account of his passage to Europe, tourist class, by John Gilchrist; sketches by Nell Lewis Woods, Margaret Mary Reddy, and Katharine F. Kilmer; and a bit of fun-poking by Elizabeth Smith at the New Yorkers who have laughed at Kansas are all amusing articles. The stuff of which they are made either did or could have come from the Kansas which the magazine attempts to reflect.

The Kansas scene today is ably depicted. There is first the story of the great drouth of 1934 by Mary Frances McKinney, a farm woman who writes in a brazenly factual style that makes one live again the summer of '34. There is an occasional line of poetry in Mrs. McKinney's article such as "the Sunday before Labor day came rain—" but not many of them. She recalls the drouth as the blistering monster farm people knew it to be. Others in the present-day mood are Larry Freeman's "Harvest Lament," Paul Hermann's "Special Edition," and "Our Fat in the Farmer's Fire," by W. G. Clugston.

Probably no better analyses of the prohibition question in Kansas have been written than the two in the current number of the Kansas Magazine. In "Last Stand of Original Sin," a resident of the state—Marion Ellet—sees the tipplers of Kansas quite at variance with the view of an outsider—R. L. Duffus—whose comments are taken from a recent issue of the New York Times magazine.

Throughout every one of the magazine's 104 pages the reader sees evidence that all of the story of Kansas has not yet happened. Much more must and will transpire before it can be chronicled by these story tellers. Miss Ellet suggests it, James Willard Mayberry promises it faithfully in a sketch of the country where Kansas joins the Panhandle, and Mrs. Cora G. Lewis predicts a new day for Kansas when it turns "toward a greater love of art."

Poetry and art, both in and not in the Kansas theme, are a compliment to the careful selection made by the

editor, Prof. R. I. Thackrey. The art will not provoke the criticism that followed the 1934 issue of the magazine and the poetry will please. Among the artists whose work is reproduced are Birger Sandzen, Margaret Whittemore, C. A. Seward, Charles C. Capps, Arthur W. Hall, Norma Bassett Hall, Josie Eresch, Karl Mattern, Margaret Sandzen, Lloyd C. Foltz, Charles Morgan, William Dickerson, and Mary Huntton. The poems are by May Williams Ward, Helen Sloan Sorrells, Ruth Wilkerson, Ellen Payne, Helen Rhoda Hoopes, Kenneth W. Porter, Marguerite Cripe, Jessie Perry Stratford, Frank Marshall Davis, Eunice Wallace, and Kirke Mechem.

The magazine, on the whole, is a decided credit to editor and contributors. The scene which they depict runs heavily to outdoor Kansas, to the hills and pastures and fields. Could not some writer, another year, weave an article against a background of Kansas industry? There must be plenty of color in the oil and gas fields. The state's immense flour mills should afford copy that would please the editor. Surely there is romance even amidst the stench of Kansas City's packing industry. And the mines, are they not an integral part of the Kansas scene? These fields must hold some thrilling chapters yet unwritten for the Kansas Magazine.

MUSIC

Two-Piano, Voice Recitals

Four Kansas State artists shared the stage of the college auditorium last Sunday afternoon for a two-piano and voice program. Alice Jefferson and Clarice Painter were the pianists; Edwin Sayre, the tenor, with Mrs. Sayre his accompanist. All are favorites with Manhattan people and hence had drawn a good Sunday audience in spite of the allurements of balmy weather and good highways.

This is the third year Miss Jefferson and Miss Painter have appeared in two-piano concerts—three years in which they have developed into an excellent team. It was a creditable performance indeed. The structural upbuilding in their first number, Sinding's "Variationen, Opus 2," was solid, precise; the quiet dignity of its opening, its great chords and martial passages made it an admirable concert choice—good contrast, too, for the four selections of their concluding group.

"The Dancer in the Patio," by Repper, romantic in spirit, the rippling dissonance of "The Poisoned Fountain," by Bax, were lovely. Padermeyer's "Petite Valse," a short, rapid, pianissimo number, was executed with clear-cut technique. Infante's melodious and somewhat brilliant "Gracia" concluded the program.

Mr. Sayre opened the recital with a group of French and German songs: Schubert's lyrical "Der Jungling an der Quelle," Marx's "Marienlied" of the dissonant counterpoint piano accompaniment, Szulc's meltingly lovely "Clair de Lune," and Fourdrain's "Carnival."

His second group of four was in English: "Arensky's Reverie," Bridge's "O That It Were So!" Glanville's "Tell Me, Oh Blue, Blue Sky!" and Crist's "Girl of the Red Mouth."

His French and English numbers were especially lovely. Few there are in "these parts" who sing lyrics so satisfyingly—with absolute sureness, clarity of diction, and a limpid warmth of feeling, a haunting wistful tenderness which steers clear of sentimentality.

Mrs. Sayre was, as usual, an excellent accompanist, handling difficult passages in the score with ease.—H. P. H.

IN OLDER DAYS

From the files of The Industrialist

TEN YEARS AGO

Preston Hale, '16, county farm agent of Goodhue county, Minn., lived at Zumbrota, Minn. He and Mrs. Anna (Yeager) Hale announced the birth of a daughter, Marilyn Joy, the previous September.

With enrolment for Farm and Home week already between 600 and 700, a record attendance was expected by the end of the week. Special emphasis was being given to radio during the annual farm event on "Radio day."

The Student Self Governing association submitted to President Jardine a request for a four-day Easter vacation. In exchange for the holiday the association would abandon

the annual "roughneck" and "campus clean-up" days, former student holidays.

Invitations from 105 Kansas high schools to send "go to college" teams were received by the college Y. M. C. A. Two male quartets, a girls' quartet, and a concert company of students in the music department as well as three or four companies presenting one-act plays were to comprise the teams.

TWENTY YEARS AGO

H. W. Davis, assistant professor of English, was an editor of the classics

first honors; W. R. Ballard, Alpha Beta, second; and Jens Nygard, Webster, third.

The Manhattan Dramatic club cleared about \$100 on an entertainment at the opera house, for the benefit of the city library. Several graduates of the college assisted in the play and Professor Valley and Assistant Brown furnished the music.

It took 20 to 25 tons of coal per day to feed the Molochs of the furnace room during the past week, according to Engineer Jacob Lund. Three to six men worked constantly

his slaves during the two hour lecture."

FIFTY YEARS AGO

On the students' payroll for January were 68 names, the total amount of money drawn being \$339.40.

One of the muddiest weeks was recorded in the annals of Manhattan. Mud ranged from ankle deep to knee deep all along Vattier street from the gate to the river, and "it required a deal of jumping and maneuvering to keep it at that mark."

ADMONITION

Everett Owens in Poetry

The red lark twirls
Three bright notes:

The great hibiscus breaks flamboyant,
The gold boy of the sky is a laughing archer,
The moon a shining runner among stars
And she that was my heart stirs in her dust.

Bury me to the east
Under three bright notes!

SUNFLOWERS

By H. W. D.

FACT AND FIGURE

The fact is: folks are born to weigh so much, or slightly more or less than so much. The figure is—well, if it's girlish and in the mode—to be achieved, seemingly, in spite of the fact.

Just the other day a friend of mine showed me a "personal" advertisement he had clipped from the paper. It was addressed to some gal named Pansy and signed by some other gal named—well, I've forgotten, but maybe it was Elsie or Eloise. It read something like this:

PANSY: I am keeping my weight down by chewing Blank's chewing gum. Why don't you? ELOISE.

There's tragedy in those words, ladies, stark tragedy! Nobody knows how Pansy wilted when she read them and nobody knows how Eloise bared her fangs when she wrote them.

It fired me with an ambition to devote the rest of my life—at least an hour or so of it—to doing what I can to make gals satisfied with their figures.

If I were a skilled physician with a lot of thyroid extract on hand I might be tempted to commercialize my ambition; but I'm only an ignorant humanitarian. I must make the best of what I don't know.

I believe a solution of this unrest and this dissatisfaction with the figure may lie in a recognition of the quite obvious truth that the human figure, male or female, never was, is not, and never will be anything but pretty variable. We're an assorted lot.

Eloise's trimness, no matter what she thinks or says, is not due to Blank's chewing gum, or any combination of butter-free milk and bananas, but to her ancestors—what they ate, where they lived, and how they earned their living. Or Eloise may be merely kidding herself, as other gals have done. When she gets older she may be as squat as the dullest Eskimo that ever waited six months for twilight and a moon.

And the same thing goes for Pansy. If she is patient, and doesn't worry, she may, when she is fifty, be as spare as Ginger Rogers.

Gals, if they expect to be happy, must learn to accept their figures as they do the color of their eyes or the size of their feet—everywhere except China, of course. And they must realize that no one figure is unanimously popular among men—look at the women men have married. They don't shape up any more alike than the men do.

You can be happy with almost any kind of figure if you just set your mind to it. I get along with mine, and as a figure it's so close to the decimal point I'm not always sure which side it's on. And to go to the other extreme, look at Santa Claus—how happy he is.

Here's the priceless secret—and it's free. If you've got chronic dissatisfaction with the figure, you haven't been getting the right sort of mental diet—and you'd better change.

Soil Erosion—A National Menace

H. H. Bennett in the Scientific Monthly

Unrestrained soil erosion is rapidly building in this country an empire of worn-out land. The cost of this evil to our farmers and ranchers amounts to at least \$400,000,000 annually, to say nothing of the enormous damage to highways and railways and the costly silting of reservoirs, streams, and ditches. This appalling waste is speeding up with the washing off and blowing off of the absorptive top-soil, down to less absorptive, less productive, more erosive sub-soil. Over this erosion-exposed material, usually consisting of comparatively impervious clay, rainwater flows away faster from millions of denuded acres to increase the frequency and volume of floods.

At least three billion tons of soil material are washed out of the fields and pastures of America every year. To load and haul away this incomprehensible bulk of rich farm soil would require a train of freight cars long enough to encircle the earth thirty-seven times at the equator. More than four hundred million tons of solid matter are dumped into the Gulf of Mexico every year by the Mississippi alone, along with many more millions of tons of dissolved substances. These materials come largely from the farms of the Mississippi basin. The greater part consists of super-soil—soil richer than that of the Nile. But the sediments entering the oceans represent merely a fraction of the soil washed out of fields. The greater part is piled up along lower slopes, where it is not needed, or it is deposited over stream bottoms or laid down in channelways and reservoirs. Once the soil leaves a field, it is irretrievably lost as if consumed with fire, in so far as pertaining to the field from which it is washed. It can not be economically hauled back, even that which is temporarily lodged not far down the slope.

Already, the nation has permitted the essential destruction of an area of formerly cultivated land that exceeds the combined extent of Illinois, Massachusetts, and Connecticut. This is the equivalent of about 220,000 farms of 160 acres each. In addition, this washing of sloping fields has stripped off all or the greater part of the productive topsoil from 125 million acres of the land at present in cultivation; and now, wind erosion is rapidly developing other enormous areas of poor land, as well as destroyed land in our semi-arid belts.

Man's activities in subduing the forests of eastern America, then the prairies to the west and finally the plains, valleys, mountains, and intermountain basins beyond, have proceeded along lines of reckless land use. So vast were our original resources in land that no one was concerned with matters pertaining to soil conservation. But now the country may as well gird its belt for continuing battle against this process of land wastage, if we are to avoid the ominous eventuality of becoming the world's most outstanding nation of subsoil farming—which means, generally, submarginal farming, with all its attendant evils of poverty, declining social and economic values, and a hopeless outlook upon life.

for use in Kansas public schools, one volume of which had already been issued.

More than half the teaching done in the college was in the division of general science, according to Dean J. T. Willard's biennial report. A thorough report of the work and needs of his division was printed in THE INDUSTRIALIST.

H. J. Umberger, '05, was selected to act as demonstration supervisor in the extension division. Since graduation Mr. Umberger had been in the government service and for the past two years had managed a large cattle ranch in Chase county.

Warm commendation of the work of the college by visiting legislators and Henderson S. Martin, vice-governor of the Philippine islands, was a feature of student assembly, at which members of the ways and means committees of the senate and house of representatives of the Kansas legislature were present.

THIRTY YEARS AGO

At the inter-society contest F. E. Balmer, Hamilton society, was given

shoveling fuel, cleaning flues, and extracting ashes, and several teams were required to haul the coal from the Union Pacific freight tracks.

Students in stock judging were to make a trip to Fort Riley under the supervision of Professor Erf on February 22. Captain Short of the 13th cavalry, who extended the invitation, promised the students a chance to inspect the stables and equipment and judge a class of light horses. He also was to give a demonstration of his methods of training, as well as an exhibition of horsemanship.

FORTY YEARS AGO

A cold snap caused great discomfort in most classrooms, necessitating short recitations and the wearing of wraps. The thermometer recorded 15 degrees below zero one morning.

Max O'Rell's lecture on "Her Royal Highness—Woman," at Wareham's opera house, was a treat to the large audience. "The speaker's native wit, inimitable gestures and facial expression, and occasional 'Frenchy' English, combined to make the audience

AMONG THE ALUMNI

Clay E. Coburn, '91, is a physician in Kansas City. His address is 1845 Oakland avenue, Kansas City, Kan.

John Minton Westgate, '97, called at the alumni office November 23. Mr. Westgate is director of the Hawaii agricultural experiment station. He also lectures on tropical agriculture at the University of Hawaii at Honolulu.

Richard Franklin Bourne, '03, is head of the department of veterinary physiology, Colorado State college, Ft. Collins, Colo. Mr. Bourne also is director of the Colorado State college band. His address is 505 Gordon street, Ft. Collins.

T. W. Buell, '04, and Marian (Allen) Buell, '04, live at Roanoke, Tex. Mr. Buell is a dairyman.

Orin Alva Stevens, '07, is an associate professor of botany at the North Dakota Agricultural college. He and Julia Anna (Monroe) Stevens, '04, live at 1110 Tenth street, N. Fargo, N. D.

Edmund C. Magill, '12, is professor of agricultural education at the Virginia Polytechnic Institute, Blacksburg, Va.

J. L. Jacobson, '15, is teaching vocational agriculture in the Berryton rural high school.

Elizabeth (Fitzgerald) Chruden, '16, is living at 837 East Twenty-fourth street, National City, Calif.

M. Louise Ziller, '17, is head of the department of home economics in the Evanston, Ill., high school. Her address is 2133 Ridge avenue, apartment B-1.

Arthur W. Boyer, '18, is advertising manager of the Coleman Lamp and Stove company, Wichita. He and Eva M. (Kell) Boyer, '15, live at 948 Perry, Wichita.

Dr. C. H. Honeywell, '18, is practicing veterinary medicine at Slater, Mo.

William R. Essick, '18, is an instructor of vocational agriculture in the Liberty Memorial high school in Lawrence. He and Alta (Miller) Essick, f. s. '18, live at 839 Missouri street, Lawrence.

Katherine (Miller) Hicks, '18, is living on route 9, Jefferson Barracks, Mo.

E. J. Price, '19, is manager of the Pawnee creamery, Pawnee, Okla.

Nelson J. Anderson, '20, is director of the department of chemistry at the Waukegan high school, Waukegan, Ill. He and Christine (Cool) Anderson, '21, live at 1309 Ridgeland, Waukegan, Ill. Mr. Anderson received his doctor's degree in physical chemistry from the University of Chicago last year.

Myers Duphorne, '21, is an engineer with the Southwestern Bell Telephone company in Oklahoma City, Okla. He and Cleo (Roderick) Duphorne, '20, live at 2724 N. W. Sixteenth street, Oklahoma City.

Edward W. Merrill, '23, and Arrilla (Wadsworth) Merrill, f. s. '23, live in Columbia, Mo. Mr. Merrill is district manager of the Equitable Life Assurance company.

Earl G. Abbott, '24, is a sales engineer with the General Electric company in Chicago. His address is 3819 Johnson avenue, Western Springs, Ill.

Austin W. Stover, '24, and Walter E. Wilson, '34, are partners in a wholesale florist establishment in Blackfoot, Ida.

W. W. Humphrey, '24, is teaching vocational agriculture in Pleasanton high school.

Otis Fulhage, '24, and Georgia Mae (Daniels) Fulhage, f. s. '23, live in Newton. Mr. Fulhage is consulting engineer with the Kansas Gas and Electric Power company.

Charles O. Dirks, '24, is assistant professor of entomology at the University of Maine. He also is doing some research on apple insects. He and Mary Jane (Clark) Dirks, '24, live at 9 Peters street, Orono, Me.

Clifford W. Eshbaugh, '25, is a plans designer and preliminary bridge designer for the Missouri state highway commission in the division office at Macon, Mo. He lives in the Pike apartment in Macon.

John H. Shirkey, '25, is county agent of Meade county.

Dr. Joseph E. Greer, '25, is field

man for the Pet Milk company at Abingdon, Va.

Elizabeth Peritt, '25, is chief dietitian at the city hospital in Cleveland, Ohio. She lives at 1803 Valentine road, Cleveland.

R. W. Fort, '26, is teaching vocational agriculture in the Thomas county high school at Colby.

Philip Noble, '26, is an assistant engineer in the concrete and soils laboratory of the United States reclamation bureau, Yuma, Ariz. Mr. Noble and Ruth (Kell) Noble, '25, live at 712 Fourth avenue, Yuma, Ariz.

R. M. Bishop, '27, is district plant chief of the Southwestern Bell Telephone company, Newton.

Joseph Edgar Durham, '27, lives at 730 Osage, Manhattan. He is assistant secretary of the Manhattan chamber of commerce.

V. E. McAdams, '28, is county agent of Barber county. He lives at Medicine Lodge.

Lonnie J. Simmons, '28, is poultryman in charge of the Security Benefit association farm at Topeka.

Gladys Calvert, '30, is bookkeeper for the Calvert Electric company, Manhattan.

George J. Cunningham, '30, is rehabilitation advisor at Oswego.

P. W. Condry, '30, is chemist for the Pillsbury Milling company at Springfield, Ill. He and Beatrice (Vaught) Condry, '32, live at 1000 E. N. Grand avenue, Springfield, Ill.

Bernice Bender, '30, is teaching English at Lincoln.

Marion Edgar Miller, '30, and Frances (Wentz) Miller, '30, are living in Chanute. Mr. Miller is an engineer with the state highway department.

George E. Cauthen, M. S. '31, has been appointed head of the science department of Shenandoah college, Dayton, Va.

A. M. Schlehuber, '31, is teaching plant pathology at Washington State college, Pullman, Wash.

Dr. Frederick E. Emery, '22, is in the department of physiology at the University of Buffalo, Buffalo, N. Y. Doctor Emery was promoted this fall. He and Lena (Moore) Emery, '25, visited the campus last summer.

Libbie Smerchek, '32, is assistant manager of a cafeteria in Columbus, Ohio. She lives at 640 East Broad street.

Malcolm Laman, '32, is principal of a school in Morrowville.

E. J. Castello, '32, is assistant principal of the high school at Independence. He teaches biology.

Naomi Marie Johnson, '32, is home advisor for Brown and Doniphan counties. She lives at Hiawatha.

Mary Holton, '33, received her master's degree at the University of Illinois last spring. She is teaching vocational home making at Waterville.

Dr. E. W. Peck, '33, is practicing veterinary medicine at Auburn, Nebr.

George W. Johnson, M. S. '33, is camp counselor and director of education in a seamen's shelter in Duluth, Minn.

Almyra Viola Jacobson, M. S. '33, is clothing instructor at the State Normal and Industrial school, Ellendale, N. D. Her address is box 145, Ellendale, N. D.

Mildred Ruth Masden, '33, is principal of the Ryno high school in Broken Bow, Nebr. Her address is Ansley, Nebr.

Wilbor Owens Wilson, M. S. '33, is a trap-nester for the poultry department at Oklahoma A. and M. college, Stillwater, Okla.

Merle W. Allen, '33, is head of the department of biological sciences at Fort Scott junior college. He and Clara Jean (Martin) Allen, f. s. '34, live at 8245 Crawford, Fort Scott.

Christine Vaughan, '34, is teaching home economics and physical education at Otis.

Harold W. Poole, '34, is with the General Electric company in Schenectady, N. Y. His address is Y. M. C. A., 13 State street.

Dr. Carl W. Schulz, '34, is associated with his father in the practice of veterinary medicine at Independence, Mo.

Muriel Morgan, '34, is teaching home economics at Copeland.

Lois Rosencrans, '34, is teaching physical education and music at Goodland.

MARRIAGES

SUTTER-ARNETT

Alta Sutter, Wakefield, and Mervin Arnett, f. s. '32, Broughton, were married November 29 in Clay Center. Mr. Arnett has been farming with his father. They are living at Broughton.

HINSHAW-HUTCHINSON

The marriage of Tella Hinshaw, f. s. '34, Bennington, and Donald Curtis Hutchinson, '34, Hutchinson, took place December 15 in Bennington. Mr. Hutchinson is employed in a Hutchinson bank.

DRUMMOND-DRAKE

Jeannette E. Drummond, f. s. '27, and Herbert T. Drake were married November 29 in Emporia. They are living in Kingman where Dr. Drake is co-editor of the Kingman Leader-Courier.

THEYS-HUNT

The marriage of Opal Theys, Americus, and George Hunt, f. s. '26, took place November 29 in Americus. Mrs. Hunt has been employed at the Americus state bank for the past eight years. Mr. Hunt is farming near Americus.

BECKER-STAFFORD

The marriage of Louise Becker and Lee O. Stafford, '32, took place November 3 in Topeka. Mr. and Mrs. Stafford are at home at 1322 Collins street, Topeka. Mr. Stafford is a draftsman for the Kansas state highway commission.

NELSON-REPPERT

Isabelle Nelson, f. s. '32, and Nelson Reppert, '34, were married December 21 in Delphos. Mr. Reppert, with his brother Clay Reppert, is owner and editor of the Osawatimie Graphic-News. Mr. and Mrs. Reppert live in Osawatimie.

HUGHES-BERGER

The marriage of Florence Hughes, Marquette, and Paul E. Berger, '27, Salina, took place November 29 in Salina. Mr. Berger is assistant manager of the Dr. Pepper Bottling company in Salina. Their address is 442 South Tenth street, Salina.

BROWN-CHAPMAN

Naomi Brown, Collyer, and Virgil T. Chapman, '34, were married in Manhattan November 29. Mr. Chapman is assistant supervisor of engineering work in Trego county for the Kansas emergency relief committee. They are at home in Wakeeney.

STOUT-MILLER

The marriage of Cora Stout, f. s. '30, and Martin Miller, Russell, took place December 8 in Russell. For the past year Mrs. Miller has been employed in the J. C. Penney store in Russell. Mr. Miller is in the hardware business with his father at Russell.

HAHN-AUTEN

The marriage of Gladys I. Hahn, f. s. '29, and Dr. John Moss Auten, Cameron, Mo., took place December 15 at the home of the bride's parents in Clay Center. They are now at home at Stewardville, Mo., where they both are practicing osteopathy.

FILSON-YOUNG

The marriage of Eva Merle Filson, '32, and Frederick William Young was November 26 at Scott City. Mrs. Young has been case supervisor and county poor commissioner for Scott county for the past year. They are living at 121 East Wilson street, Salina.

ZEIGLER-WARD

Della Zeigler, f. s. '30, and Howard W. Ward, f. s. '29, were married September 15 at Alma. Mrs. Ward has been teaching in a rural school near Abilene. They are living at 309 Northeast Third street, Abilene. Mr. Ward is employed by the Federal housing administration.

ASKINS-LUGINBILL

The marriage of Rachel Askins, Greensburg, and Harold Luginbill, f. s. '27, took place November 28 in Pratt. Mrs. Luginbill has been teaching in the rural schools of Kiowa county. Mr. Luginbill is employed by the state highway department. They are at home in Greensburg.

BURT-THOMAS

Neva LaVerne Burt, '31, and Wildon P. Thomas were married December 22 in Topeka. Mrs. Thomas has been assistant director of the University training school cafeteria and the University Commons at the University of Kentucky, Lexington, Ky. They are living in Venice, Fla., and Lyndon, Ky.

KIMBALL-THURMAN

Mary Elizabeth Kimball, f. s. '34, and Will Harlan Thurman of Kansas City, Mo., were married November 3 in Olathe. Mrs. Thurman is attending the Central Business college in Kansas City. Mr. Thurman is a well known band leader in Kansas City. They are at home at 3223 Campbell, Kansas City, Mo.

KEYES-PEARSON

Lorraine Keyes of Chicago, Ill., and Bertram Pearson, '29, were married December 18 in Chicago. Mrs. Pearson has been employed in the stenographic department of the Strat Security company in Chicago. Mr. Pearson has been playing professional football with the Chicago Bears. They are living in Chicago.

SHAY-NELSON

Alene Shay, '31, Miltonvale, and Harlan A. Nelson, Des Moines, Iowa, were married December 22 in Topeka. Mrs. Nelson has been teaching home economics in the Eskridge high school for the past three years. Mr. Nelson is connected with the Iowa state planning board with headquarters in Des Moines.

STEVENS-WELLS

Announcement was made recently of the marriage of Marie Stevens, Chanute, and James Wells, '33, on November 11 in Russell Springs. Mrs. Wells was employed in the J. J. Newberry store in Chanute until recently. Mr. Wells is employed by the Kansas state highway commission. They live in Manhattan.

MARTIN-SPIKER

Dorothy Dell Martin, f. s. '29, Abilene, and Robert H. Spiker, f. s. '34, were married December 9 in Topeka. For the past year Mrs. Spiker has been assistant manager of the Mary-Grace shop in Abilene. Mr. and Mrs. Spiker are at home in Manhattan where Mr.

Spiker is manager of the Brownbilt shoe store.

HADDOCK-STINGLEY

The wedding of Mildred Haddock, f. s. '34, and Walter Stingley, f. s. '33, took place November 4 at the home of the bride's parents near Minneapolis. Mr. and Mrs. Stingley live at 2116 North Tenth street, Kansas City, Kan. Mr. Stingley is employed as materials inspector for the Kansas state highway commission.

JOHNSON-KRETZMEIER

The marriage of Esther Elizabeth Johnson, f. s. '34, and Waldo O. Kretzmeier, '33, took place December 22 in Ottawa. Mrs. Kretzmeier has been employed as telegram typist and telephone order clerk by Montgomery Ward and company in Kansas City, Mo. They live in Pampa, Tex., where Mr. Kretzmeier is cost and estimate engineer with the Phillips Petroleum company.

ROY M. GREEN DRAFTED FOR NEW GOVERNMENT POSITION

Goes from Wichita to Washington to Take Charge of Grain Division of Bank for Cooperatives

Roy M. Green, on leave as professor of agricultural economics to take over the vice-presidency of the Production Credit corporation at Wichita the past year, has been drafted by the administration at Washington for another responsible position and has severed his connection with the college.

In Washington Mr. Green will be in charge of the grain division in the Bank for Cooperatives, one of the farm credit administration branches. His work will include credit analysis for group marketing organizations, a field in which he is especially proficient. He has a national reputation as a forecaster and is a forceful writer.

Following his graduation from the college of agriculture of the University of Missouri in 1914, Mr. Green was employed in field work under the United States department of agriculture, doing appraisal and farm planning work in New York and Pennsylvania. Following this he returned to the University of Missouri as instructor in agricultural economics. In 1920 he became a member of the faculty of Kansas State college. He received his M. S. degree here in 1922 and the following year was made a professor.

Mr. Green left the college last spring to go to Wichita as an official of the PCC, a unit of the FCA for the ninth district. His leave was to extend to June of this year.

STATE PLANNING BOARD ASKS ALUMNI FOR SUGGESTIONS

Questionnaires to Several Thousand Graduates of Kansas Colleges

Questionnaires were sent recently by the state planning board to several thousand graduates of Kansas colleges in an effort to obtain information of value in improving the program of higher education in the state. Many of the questionnaires went to Kansas State college graduates as a part of a state-wide attempt to make Kansas educational institutions of more service to their graduates.

Some of the questions asked were: Has college fitted you to advance economically, and to enjoy life more fully? What magazines and books do you read? What movies have impressed you most? What type of radio program appeals to you?

The questionnaire also asked for suggestions to enable the college to be of greater service. These included physical equipment, courses, methods of teaching and social life.

WIBW TO START SERIES OF COLLEGE NEWS BROADCASTS

Don McNeal of Boyle Will Write Kansas State Items

Radio station WIBW is planning to start a weekly quarter-hour broadcast called the Kaw Collegiate News, featuring gossip of students and alumni of Kansas State college, Kansas university, and Washburn. The feature will begin Thursday evening, February 7, Don Searle, general manager of WIBW, has announced. It will be on the air from 10 to 10:15 o'clock each Thursday evening.

News of parents and friends of students at the three schools will be featured also. Both general and particular events will be emphasized, occasionally high spotting athletics, dramatics, scholarship, and parties.

Don McNeal, industrial journalism junior from Boyle, will write the Kansas State items for WIBW.

LOOKING AROUND

KENNEY L. FORD

Alumni in all parts of the United States and in foreign countries will be able to listen to the seventy-second anniversary Founders day program broadcast over the blue network of the National Broadcasting company from 8:30 to 9 o'clock eastern standard time, February 6, if they have receiving sets which will receive short wave broadcasting. The program will be broadcast over KDKA, Pittsburgh, Pa., and also over their short wave complement, W8XK, operating on 25 and 48 meters.

It is hoped that radio parties will be arranged, especially in the western part of the United States. The newer receiving sets should be used by as many alumni as possible so as to enjoy the short wave broadcast.

The program will originate on the college campus. Alumni will hear again youthful voices singing Alma Mater and Wildcat Victory. The college will be dramatized for the radio audience and a short message will be given by President Farrell.

Robert W. Kilbourn, '19, is principal of the Baybay agricultural high school, Baybay, Leyte, Philippine islands. In a letter to Dr. R. K. Nabours Mr. Kilbourn writes as follows:

"In 1928, I was assigned as principal of the smallest agricultural school in the Philippines in an isolated place in the Moro region of Mindanao. The place was surrounded by vast swamps and on one side by a wide river where crocodiles were numerous. Many months passed when I did not see a white man. I worked to move the school to a more favorable location. After two years we were able to transfer the school into a mountain valley at an elevation of about 1500 feet. Only a mountain trail led to the outside world.

Within the 3,300 acres of land included in our school site, we had wide level lands for rice. We enjoyed a most agreeable climate suitable for the growth of nearly all tropical fruits and crops. There was a wide level valley and plateau land surrounded by rolling hills. The land had been cleared years before and left in cogon grasses and talahib reeds. Within the school site there was commercial forest where we could saw out the timbers and lumber needed for our buildings. Our students built their cottages, cleared the land, and tilled their farms. One half the day was devoted to their classes, the other half to their work in the fields assigned to them.

Our fields yielded well. Even our first year was quite successful and best of all, our students were happy and contented. In the second year an inspector from the Manila office reported to the director of education that we had one of the best agricultural schools in the Philippines.

In 1932 I was granted travel expenses around the world. I stopped in Cairo, Egypt, but did not know that Doctor Jardine was there. I left the boat at Hamburg, Germany, and toured Central Europe on a motorcycle. I was interested in flying and completed a course in motorless flying on the Wasserkuppe near Fulda.

Upon my return to the Philippines, I was assigned as principal at Baybay agricultural high school. I believe we have one of the prettiest places in the Philippines. The school site extends from a clean sandy shore to the summits of a mountain range about 3,600 feet high. At times we can see five waterfalls. One of them has a sheer fall of over 600 feet.

Congress has granted to the people of the Philippine Islands the independence which they have so long demanded. We Americans who remain will soon be retired. I have completed 10 years of service with the bureau of education. I plan to enroll in college and work for an M. S. degree. I shall probably attend Washington State college because I built a home in Tacoma, Wash., in 1926 expecting to make that my home some day."

Engineers To Meet

Members of the division of engineering of the college will have an important part in the annual convention of the Kansas Engineering society at the Jayhawk hotel in Topeka on Wednesday and Thursday, February 12 and 13.

WILDCATS WIN TWO AND CLIMB TO FOURTH PLACE

DEFEAT MISSOURI 32 TO 20 AND 27 TO 20

Conference Standings Shaken This Week When Iowa State Trounces Sooners and Cornhuskers Bow to Missouri

Kansas State college passed up Nebraska and took charge of fourth place in the Big Six basketball race as a result of a double victory over last place Missouri in Manhattan in the only conference games last week.

Frank Root's Wildcats capitalized on free throws to win the first game 32 to 20, and turned in a 27 to 20 triumph in the second, which found the Tigers helpless again at the free throw mark.

Monday night of this week, however, the conference standings were severely shaken when Oklahoma dropped a game to the Iowa State cyclones 33 to 22 and Missouri nosed out the Cornhuskers 23 to 21. The Iowa State victory tumbled the Sooners from a tie with Kansas for first place, down to third place. It left Kansas alone at the top of the heap and advanced the Iowa State team to second place in the standings.

PLAY MISSOURI AGAIN

The Wildcats will play a return 2-night engagement against Missouri in Columbia this week-end. Iowa State will meet a severe test Saturday night against the champion Kansas Jayhawkers. Oklahoma returns to competition Saturday against Nebraska on the Sooners' home court in Norman. The Saturday night bill finds all six teams in action—Kansas State playing Missouri, Nebraska at Oklahoma, and Iowa State at Kansas.

Kansas State, which lost to Kansas the previous week on free throws, won by the same route Friday night against Missouri. Each team scored 12 baskets but the Wildcats tossed in eight of 12 free shots and the Tigers five of 11.

Frank Groves, Wildcat center, who is near the top in Big Six scoring, missed shot after shot in the first half, but got five of his eight points in the last five minutes when Missouri was pressing.

OVERCOME MISSOURI LEAD

Freeland started Kansas State in the lead and the half score was 16 to 13. With eight minutes remaining, Kansas State led, 24 to 18, but Strom sank two, Jorgensen got a free throw, and Powell's shot from well out put the Tigers ahead. Groves hit a field counter and followed with a free throw. Free tosses by Freeland and Gilpin and another Groves basket ended Wildcat scoring.

The following night the Wildcats moved into fourth place by winning 27 to 20 while Nebraska was idle. The Wildcats led at the half, 14 to 10, and remained ahead all through the second half. Missouri cut the gap to two points early in the period, but the Wildcats stretched it to eight before the Tigers scored again.

Frank Root let his starting lineup go through for the third straight time at home, although the combination was broken before the gun by a removal on personals.

The scores:

Kansas State—22			
Freeland, f	3	FT	2
Gilpin, f	3	1	0
Groves, f-c	4	2	1
Stoner, (c) g	1	4	1
Railsback, g	1	0	4
Mills, g	0	0	0
Totals	12	8	8

Missouri—20			
Henderson, f-c	3	FT	1
Schaper, f	0	0	0
Strom, f	4	2	1
Thompson, c	1	0	2
Beer, f-g	0	0	1
Powell, g	2	0	1
Jorgensen, (c) g	2	3	4
Totals	12	5	10

Officials—Parke Carroll, Pat Mason.

Kansas State—27			
Freeland, f	2	FT	0
Gilpin, f	3	1	0
Allison, f	0	0	0
Groves, c	4	1	2
Stoner, (c) g	2	0	2
Railsback, g	1	1	0
Totals	12	3	8

Missouri—20			
Beer, f	0	FT	0
Thompson, f	0	0	0
Strom, f	0	0	1
Cooper, f	0	0	0
Henderson, c	2	1	2
Jorgensen, g	2	0	1
Cornell, g	4	0	1
Totals	9	2	5

Officials—Parke Carroll, Pat Mason.

Basketball Schedule

*Dec. 14—Kansas State 39, Kansas U. 35.
*Dec. 18—Kansas State, 26, Kansas U. 40.
Jan. 4—Kansas State 32, Oklahoma U. 38.
Jan. 5—Kansas State 34, Oklahoma U. 47.
*Jan. 7—Kansas State 27, Oklahoma City U. 36.
*Jan. 8—Kansas State 34, Wichita U. 50.
Jan. 11—Kansas State 14, Kansas U. 40.
Jan. 14—Kansas State 25, Iowa State 29.
Jan. 21—Kansas State 47, Nebraska 41.
Jan. 26—Kansas State 37, K. U. 43.
Feb. 1—Kansas State 27, Missouri 20.
Feb. 2—Kansas State 32, Missouri 29.
Feb. 8—Missouri U. at Columbia.
Feb. 15-16—Oklahoma U. at Manhattan.
Feb. 22-23—Kansas U. at Manhattan.
Mar. 4—Iowa State at Ames.
Mar. 2—Nebraska U. at Lincoln.
*Indicates non-conference.

ART STUDENTS MAKE A B C COLOR BLOCK PRINT BOOK

Intermediate Design Class of Eleven Makes Book on Kansas State College Life

"A B C's of College Life at K. S. C." is the title of a book of two-color block prints designed by the 11 students of last semester's class in intermediate design, a limited edition of which is now being printed for sale. Vida Harris is the instructor of the class.

"A" in this alphabet book is obviously for agriculture, as a cow, a tractor, and a silo are worked into the rust and black pattern around the letter. "B" is for the bell in Anderson's tower; "C" for Collegian; "E" for early classes, with a rooster design in blue and black; "K" for Kansas fields, yellow-green under a brilliant sun; "P" for the Purple Pepsters in a row before the stadium; "W" for the wildcat, of course; "X" for the unknown—wherein are microscope, test-tubes and a question mark; "Z" for zero weather—with magnified snow crystals in white against a blue background.

BULLETIN ON HARDY TREES AND SHRUBS NOW AVAILABLE

Reports Results Obtained at Hays the Past 20 Years

Bulletin 270 of the Kansas agricultural experiment station, "Hardy Trees and Shrubs for Western Kansas," is now available. The author, E. W. Johnson, was forest nurseryman at the Fort Hays branch station for several years.

The bulletin reports primarily results obtained at Hays for the past 20 years. Such a period is fairly representative of conditions in that part of the state. The findings regarding hardiness should, therefore, be of real value in making future plantings in western Kansas, according to the author.

Johnson names hardy trees and shrubs, both deciduous and conifers, adapted to western Kansas. In addition he discusses preparation of the soil, methods of planting, and care of trees and shrubs.

Bulletin 270 is the only material available on this subject from the Kansas agricultural experiment station. The bulletin has 17 illustrations.

Wrestlers Win One, Lose Three

The Kansas State college wrestling team won one and lost three matches in dual meets the past three weeks. Their latest foe, the University of Oklahoma, won 25 to 5 at Manhattan last week. In other recent matches the Wildcats defeated the University of Kansas 18½ to 9½. In a match with Missouri the Wildcats were leading 16 to 13 until the final event. Holland's defeat in the last event gave Missouri a victory, 18 to 16. Southwestern Oklahoma Teachers college wrestlers came to Manhattan January 22 and made a clean sweep, winning 30 to 0.

Engineers' Alloy Tomorrow

Sigma Tau and Steel Ring will present the annual Engineers' Alloy Thursday night, February 7, in the gymnasium. This is a stag affair, free to all engineers, and is for the purpose of becoming better acquainted. In connection with it the Intake and Exhaust, also known as the "Engineers' Gripe Sheet," will be sold. Refreshments will be free.

Dexter Edits Collegian

Wayne Dexter, Waterville, has been chosen editor of the Kansas State Collegian for the second semester. He succeeds Max Burk of Manhattan. Lloyd Riggs, Manhattan, will continue as business manager.

SEMESTER ENROLMENT SHOWS INCREASE OF 455

TOTAL IS 2,615, INCLUDING 243 'NEW STUDENTS'

Division of Engineering Has 174 More Than a Year Ago—Increase Greater Than That of Fall Semester Over Corresponding Period

An increase of 455 students over the second semester of last year was reported by the registrar's office for the second semester of this year, according to figures released Tuesday. The total enrolment for the present semester is 2,615 as compared to 2,160 for the corresponding period a year ago.

Of the total number of students now enrolled, 243 were not in school the first semester.

The committee on reinstatement reported that 70 students applied for reinstatement at the close of the first semester and were readmitted. The applications of 32 were disapproved. The committee includes Prof. R. I. Throckmorton, chairman, Dr. E. C. Miller, Dr. William M. McLeod, J. H. Roberts, and Beth Quinlan.

Enrolment in the division of engineering this semester shows an increase of 174 over the total for the second semester of last year. Of these, 108 are freshmen, 62 are sophomores, two are juniors and two are seniors. The increase was greater than the increase of the first semester of the present school year over the corresponding semester of the previous years.

FOODS I GIRLS GIVE TEAS, DINNER PARTIES, LUNCHEONS

Much Social Life in Calvin Hall as First Semester Ends

Breakfast, luncheon, and dinner parties have followed each other in rapid succession in Calvin hall since the holidays. Foods I girls have been finishing their quota of meals. Each of the 100 girls registered in the course must have twice three meals, at one set of which she is hostess, at the other cook. For each meal there is a faculty critic and another guest decided upon by that meal's hostess and cook.

Teas, too, are on the social calendar of these girls. Calvin hall study room has become a daily setting for these events.

DOCTOR LEASURE TO HEAD VETERINARIANS OF KANSAS

Attended Iowa Meeting Last Week Where He Was a Speaker

Dr. E. E. Leasure, assistant professor of veterinary pathology, who was elected president of the Kansas state veterinary medical association

at the annual meeting held January 16 and 17 in Topeka, was a speaker at the Iowa veterinary medical association meeting in Des Moines recently.

In a talk at the Iowa meeting Doctor Leasure summarized his discoveries concerning an infectious disease of cats, known as Infectious Feline Enteritis. This disease kills many valuable farm cats which otherwise would eradicate mice and rats. Doctor Leasure has just completed original research in connection with the disease. He discovered the specific infection causing it and also has developed a preventative serum and vaccine.

Doctor Leasure succeeds Dr. J. I. Kirkpatrick of Sedgwick, Kan., as president of the Kansas veterinarians. Dr. W. W. Wiseman of Delphos was elected vice-president; Dr. Charles Bower of Topeka, secretary treasurer; and Dr. K. H. Dudley of Iola was elected to the board of directors.

HOME ECONOMICS CLINICS ANSWER MANY QUESTIONS

Faculty Members Give Suggestions on Home Problems—New Service Fills a Need

"Our home economics clinics every Friday are well attended and seem to be filling the needs and interests of those seeking information," Dr. Margaret Justin, dean of the division of home economics, said concerning the success of the new service offered by the home economics department.

From 3 to 5 o'clock every Friday afternoon in Calvin hall, home economics faculty members are available to answer questions and give suggestions on home problems to anyone seeking aid.

Dr. Martha Pittman of the food economics and nutrition department aids people with meal planning and balanced diets. Mrs. Bessie Brooks West, institutional economics, offers suggestions for banquets or parties. Miss Alpha Latzke, in charge of the clothing department, helps with advice in planning a new wardrobe or remodeling an old one.

Miss Myrtle Gunselman, of the household economics department, shows how one may spend more wisely and plan budgets. Miss Dorothy Barfoot, of the art department, answers questions concerning beautification of surroundings and shows how rooms can be arranged for correctness and comfort.

Big Six Standings

	W.	L.	Pct.	Pts.	OP.
Kansas	5	1	.833	234	166
Iowa State	4	1	.800	161	130
Oklahoma	5	2	.714	237	232
Kansas State	3	5	.375	248	287
Nebraska	1	3	.250	125	133
Missouri	2	8	.200	268	325

PROGRESS OF KANSAS PRESS F. E. C.

News in Graham county is given excellent coverage in the Hill City Times of which Frank Hall is editor.

Someone writes a terse, newsy woman's department for the Greensburg News. O. A. Nations is editor-owner of the News.

The centennial anniversaries of some Doniphan county people were used as a feature in a recent issue of the Kansas Chief published by Martha A. Calnan at Troy.

Will Townsley, publisher since 1927 of the Great Bend Tribune, died suddenly January 31. His brother, Charles, as editor of the Tribune, is one of the most widely quoted Kansas commentators.

The Hugoton Hermes started on its forty-eighth year this month. During the 47 years it has never missed an issue. Under its present management—W. F. Hubbard and sons—the Hermes is a modern shop, equipped electrically.

C. A. Dunn of the Sedan Times-Star carried news from 35 different country correspondents in a recent issue of his 12 page paper. In addition Dunn found space for a great many locals to give his subscribers the kind of reading material they like.

F. W. Brinkerhoff of the Pittsburg Headlight is the new Kansas Press association president, chosen at To-

peka January 19. Ralph Hemenway of the Minneapolis Messenger was elected vice-president, and Harold Hammond, f. s., of the Caldwell Messenger was elected treasurer. Ralph T. Baker continues as executive secretary.

M. L. DuMars, '33, college and sports reporter for the Manhattan Mercury, has prevailed upon sports followers in Manhattan to contribute a series of guest columns on athletic subjects. Manhattan, of course, is well supplied with authorities on sports. Newspapers in other communities might adapt the guest columnist idea to other fields.

Ward Colwell, '33, who spent recent months helping Harry Lutz, '25, on the Western Times at Sharon Springs, has joined Grafton Nutter in his new venture with the Republic County News at Belleville. Don Nutter, f. s., has moved from the Phillips County Review to Belleville to help his father with the News which heretofore was published at Republic City.

About 50 representatives of Barton county 4-H clubs and Women's Farm Bureau units of Barton county attended a school of reporting held at Great Bend recently. L. L. Longsdorf of the college had charge of the meeting which was primarily for the purpose of instructing rural news correspondents. Will Townsley of the Tribune cooperated with the school at Great Bend.

TOKIO UNIVERSITY PASTOR IS WORLD FORUM SPEAKER

ASSOCIATED FOR 26 YEARS WITH ORIENTAL STUDENTS

Benninghoff Commended by Japanese as 'Highly Qualified to Speak on History, Culture, Present Situation of Japan'

Dr. H. B. Benninghoff, student pastor of Waseda university in Tokio, Japan, in which 14,000 students are enrolled, will be the first speaker on this spring's world forum, sponsored by the Y. M. and Y. W. C. A., April 5, 6, and 7. The Japanese university is not a mission founded one, but is one of the two great privately endowed ones of the nation—this one being the result of the philanthropy of Count Okuma, one of Japan's great statesmen.

Doctor Benninghoff has been for 26 years connected with this university, first as a missionary and now also as a lecturer on occidental civilization. A dormitory for 25 young men, a hall for student activities, and Doctor Benninghoff's own residence form a Christian unit connected with the school. Organized educational, social, physical, and spiritual work is there carried on, supported by the Baptist church in the United States.

Kenzo Takayanagi, professor of law at the Tokio Imperial university, has recommended him as "highly qualified to speak on the history and culture of Japan, able to give an intelligently critical, yet sympathetic, picture of the present situation in Japan." Joseph C. Grew, U. S. Ambassador to Japan, and Ichiro Hata-yama, Japanese minister of education, both speak highly of his contribution to international understanding and good will.

The Rev. Carter Harrison, rector of Trinity Episcopal church, Lawrence, will probably speak on Mexico and Central America, which he has recently visited. The other speakers have not yet been definitely scheduled.

STRATTON TO GIVE RECITAL OF SCHUMANN, BAX, LISZT

Mozart Fantasia To Open Program Sunday Afternoon

Charles Stratton will give a piano recital next Sunday afternoon at 4:15—his program opening with Mozart's "Fantasia in C Minor," and being followed by Schumann's "Fantasia in C Major, Op. 17," Arnold Bax's "Second Sonata in G Major," and concluding with Liszt's "Tarantella—Venezia e Napoli."

The February 17 Sunday afternoon program will be an organ recital by Richard Jesson.

Make R. O. T. C. Compulsory

Compulsory military training carried by a narrow margin on final vote in the Kansas senate Monday. By a vote of 21 to 16, a bare constitutional majority, the bill was passed and sent to the house. The bill as passed requires military training of all men students at Kansas State college during the freshman and sophomore years. Only men with physical defects will be excused. Conscientious or religious objectors are not exempt. The board of regents had required military training, and a suit in the Shawnee county district court recently upheld the power of the board.

Staff Men to Kansas City

R. G. Kloeffer, O. D. Hunt, E. L. Sitz, and L. M. Jorgenson of the electrical engineering department attended a meeting of the Kansas City section of the A. I. E. E. in Kansas City January 18. A lecture on "Cosmic Rays," by Dr. Karl Darrow, noted physicist of the Bell Telephone laboratories, was included.

To Give Popular Concert

The college band will give a popular concert Thursday afternoon at 4 o'clock in the auditorium, in honor of Farm and Home week visitors. The program: Rossini's "Barber of Seville Overture," Tchaikowsky's "Slavic March," Ravel's "Bolero," Chenette's "The Big Parade," and Karl King's "Sir Galahad."

Marchbank a Contractor

J. H. Marchbank, '28, was a visitor at the college recently. Mr. Marchbank is engaged in the engineering construction business with an office in Chicago. He has a contract for the new post office building at Norton.

THE KANSAS INDUSTRIALIST

Volume 61

Kansas State College of Agriculture and Applied Science, Manhattan, Wednesday, February 13, 1935

Number 18

HILL IS FOUNDERS' DAY MASTER OF CEREMONIES

ANNOUNCERS WILL BE HEBERER
AND DUMARS

Ten Students Will Assist in Dramatizations for Anniversary Program Over the N. B. C. Radio Hook-up Saturday Night

Master of ceremonies for the Founders' day celebration of the seventy-second anniversary of Kansas State college will be Dr. Howard T. Hill, head of the department of public speaking. The program will be broadcast Saturday night, February 16, over the blue network of the National Broadcasting company from 8:30 to 9 o'clock, eastern standard time.

Announcers for the program will be Maurice DuMars, assistant extension editor, and H. Miles Heberer, associate professor of public speaking.

President F. D. Farrell will give a two-minute welcoming speech. Mike Ahearn, director of athletics, and Fred Seaton, former Kansas State student, also will have a part in the program.

ACHIEVEMENTS DRAMATIZED

Incidents concerning each division will be dramatized. The fact that eighty-five per cent of the graduates in home economics at Kansas State are married within five years after leaving school will furnish material for one dramatization.

Students taking part in the dramatizations for the broadcast are: Adrienne Byrd, Eldorado; Marje Blythe, White City; Mary Isern, Alden; Carl Waage, Westfield; John Barhydt, Hutchinson; Eugene Warren, Wellsville; Ruth Wilkerson, Doris Comp-ton, Jessie Dean, and Ned Kimball, Manhattan. Prof. H. W. Davis, head of the English department, and Howard T. Hill, H. Miles Heberer, and Kingsley W. Given, all of the public speaking department faculty, will be among the radio actors.

FOURTEEN STATIONS ON NETWORK

Stations which will use the program are: WJZ, New York, N. Y.; WMAL, Washington, D. C.; WSYR, Syracuse, N. Y.; WHAM, Rochester, N. Y.; KDKA, Pittsburgh, Pa.; WHAR, Cleveland, Ohio; WENR-WLS, Chicago, Ill.; KWCR, Cedar Rapids, Iowa; KSO, Des Moines, Iowa; KOIL, Council Bluffs, Iowa; WREN, Kansas City (Lawrence, Kan.); and WKBF, Indianapolis, Ind.

FOUR K. S. C. MEN TO APPEAR ON ENGINEERING PROGRAM

Seaton, Dawley, Morse, and Helander at Topeka Meeting

Four Kansas State college graduates and faculty members were to appear on the program of the Kansas Engineering Society's twenty-seventh annual convention in Topeka yesterday and today.

Prof. E. R. Dawley was to give a resume of the American Engineering council meetings; what is being done for engineering unemployment and programs of the future. Prof. R. F. Morse was to discuss the problem of "A Water Supply for the Cheyenne Bottoms as a Game Refuge." "Today's Economy of Steam Power Generation" was the subject of Prof. Linn Helander.

Dean R. A. Seaton, chairman of the Engineers' council, was to speak on "Activities of the Engineers' Council for Professional Development." E. R. Dawley, of the department of applied mechanics, is secretary of the organization. Other Kansas State men who are members include L. E. Conrad, J. W. Conrow, M. A. Durland, F. F. Frazier, M. W. Furr, W. E. Gibson, A. W. Johnson, L. H. Koenitzer, C. H. Scholer, D. C. Taylor, L. V. White, and F. J. Zink.

WILLIAM ALLEN WHITE WILL SPEAK AT CONFERENCE HERE

Will Address Banquet Meeting of Kansas Highway Commission

William Allen White of the Emporia Gazette will be the banquet

speaker here Thursday night at the annual conference on highway engineering sponsored by the Kansas highway commission and Kansas State college. The meeting will be held Thursday and Friday on the campus.

Discussion at the meeting will be in connection with problems of road materials and construction, safety measures, roadside landscaping, and other subjects related to highway engineering.

RICHARD JESSON TO GIVE ORGAN RECITAL ON SUNDAY

Bach Chorales, a Symphony by Paris' Famous Blind Composer Will Be on Program

The five wise and five foolish virgins, a storm, French peasant scenes in grape harvest time, piping shepherds will be conjured up by the organ recital to be given next Sunday afternoon at 4:15 in the college auditorium by Richard Jesson.

In commemoration of the 250th anniversary of Bach's birth, Mr. Jesson is opening his recital with three of that great composer's numbers: Chorale Prelude, "Sleepers, Wake! A Voice is Calling," a sonatina from the cantata "God's Time Is Best," and the "Toccata and Fugue in D Minor." In the first is heard music portraying worldly allurements, followed by a chorale calling man to things of the spirit. The last number in the group was composed by Bach for his tours dedicating new organs in famous cathedrals, and hence is a display piece, says Mr. Jesson.

The second group opens with two numbers from Jacob's "Hours in Burgundy," each of the 12 parts of which paints in music a picture done in oils by one Maurice Lena: "Vintages" showing the work and flirtations of grape gatherers; and "Song of the Shepherd," in which one hears the piping of the peasant. A humorous representation of a thirteenth century organ follows, Yon's "Humoresque—L'Organo Primitivo." A fugue by Honegger, greatest of the modern "School of Six" French and Swiss organ composers, concludes this group.

The last three movements of Vienne's "Symphony IV" conclude the afternoon's program. Vienne, says Mr. Jesson, is the blind old organist of Notre Dame Cathedral, Paris. When Mr. Jesson heard him in Cleveland nine years ago on a concert tour, Vienne was even then having to be led around by an attendant.

George Henry, who has been band and orchestra director this year in the absence of Lyle Downey, will give a cello recital February 24.

EXPERIMENT STATION MEN TO MEET HERE FEBRUARY 15-16

Farrell and Call to Address Ninth Conference of Branch Workers

The ninth conference of branch station workers of the Kansas agricultural experiment station will be held at the college February 15 and 16. Programs for the meeting were sent to the branch station workers this week by Prof. H. H. Laude, professor of farm crops.

President F. D. Farrell and Dean L. E. Call will address the workers at the opening session Friday morning. Others scheduled to appear on the two-day program are L. C. Aicher, W. E. Grimes, A. L. Clapp, R. J. Barnett, F. P. Eshbaugh, T. B. Stinson, E. H. Coles, H. H. Laude, A. F. Swanson, C. W. McCampbell, D. A. Savage, R. I. Throckmorton, A. E. Aldous, E. F. Chilcott, C. R. Enlow, A. L. Hallsted, J. H. Parker, F. A. Wagner, and A. M. Brunson.

The branch station workers will attend an experiment station luncheon at noon Saturday.

Nabours to Lecture

Dr. R. K. Nabours, head of the department of zoology and geology, will give a lantern slide lecture next Sunday afternoon at 3 o'clock in Fairchild hall on "Excursions in Heredity."

'CSEP IS OF VALUE TO COLLEGE AND STUDENTS'

DEAN SEATON WELL PLEASED
WITH EMPLOYMENT PROJECT

Survey Shows That Both Students and Supervisors Are Well Satisfied and That Many Workers Have Been Reappointed

Satisfactory to both students and supervisors and of great value to the college and to the students is the way the College Student Employment Project was described by Dean R. A. Seaton in a recent report to President F. D. Farrell. Dean Seaton is chairman of the college emergency relief committee which has charge of the CSEP at Kansas State college. This federal project provides work for more than 250 deserving students in clerical, stenographic, and many other duties on the campus.

Questionnaires were sent out by the relief committee chairman to both CSEP students and supervisors at the end of the first semester. Replies indicated that students were well satisfied with their jobs. Reports of the supervisors were "even more gratifying" to Mr. Seaton. Remarkably so, he said, considering that most of the CSEP students are freshmen and sophomores, many of whom attended this institution for the first time this year.

MANY ARE REAPPOINTED

Among the questions asked students were: "Has your CSEP employment this semester been satisfactory to you? If not, in what respects?"

Of four girls who failed to re-apply, two said they would not need work, and two said they did not expect to return to school. All others who reapplied stated their CSEP employment had been entirely satisfactory.

Of the eight boys who did not apply for renewal of their appointments, one had completed requirements for his degree, one indicated he would not need the work second semester, and six indicated they did not expect to attend Kansas State college the second semester. Of those who applied for renewal of appointments, all but five indicated without qualification that their employment had been satisfactory. Three of the five indicated their employment was satisfactory but that they would prefer work more closely related to their field of study. Job assignments of three were improved.

ONLY FEW UNSATISFACTORY

Of the 89 girls employed on CSEP work, 82 were reported to be satisfactory and the supervisors of 31 highly commended work of the students. Work of six girls was reported to be "fairly satisfactory" or "not

entirely satisfactory." Of these the supervisors reported that five "apparently tried earnestly to do their best," and requested that assignments of four be continued during the second semester. The work of only one girl was reported to be definitely unsatisfactory and the supervisor recommended that she be transferred to another project rather than dismissed.

Of the 171 boys employed on CSEP work, 162 were reported to be doing satisfactory work and supervisors highly commended 47. The work of eight boys was reported to be "fairly satisfactory" but the supervisors reported that seven of these apparently tried earnestly to do their best and requested that five of them be re-appointed. Only one was reported to be doing definitely unsatisfactory work.

'FOOD SAFE KEPT IN TIN CAN AFTER IT HAS BEEN OPENED'

Speaker Shows More Loss of Vitamins in Home Canning Than in Good Factories

A glimpse into the research laboratories of canning factories was given in noon forum last Wednesday in Thompson hall by Miss Ruth Atwater, of the National Canners' association, the research and service organization to which 75 per cent of American canners belong.

Cans now used, she reported, are really of steel, with a plating of tin. An enamel lining is also being perfected for such foods as corn, peas, and sea foods, which may become specked or spangled after being for a while in tin. "This specking does not indicate any injury to the food, nor any loss in nutritive value, but since it is objectionable to consumers, steps are being taken to get a can lining which will prevent it." Still another sort of enamel lining is being perfected to prevent fading of brightly colored fruits.

She showed that canners are able now to can such products as tomatoes so as to conserve vitamin C better than the housewife can, as she has no equipment for cooking in a vacuum. She told also of experiments upon U. S. D. A. workers fed for six weeks upon food left in the tin lined containers after being opened; these showed no ill effects. The same care must be taken of such foods as of any others, of course, she said; they must be kept in a cool place away from dust and such contamination after being opened.

Contracts To Marchbank

J. H. Marchbank, '28, of Chicago, has been awarded contracts for constructing post office buildings in Salida and Walsenburg, Colo.

COOKING FOOD IN ALUMINUM UTENSILS HARMLESS, SAYS NUTRITION SPECIALIST

The old question, "Is food cooked in aluminum harmful?" was answered by Miss Eva McMillan, instructor in food economics and nutrition, in a talk at the college recently. "This metal does not appear to be any more subject to the action of foods and water in the process of cooking than does iron," Miss McMillan said. "It has never been proved that it is harmful in the very small quantities found in foods cooked in aluminum."

Because of its light weight, heat conductivity, and durability, aluminum has become one of the most popular of all materials for cooking utensils. To support her statement that it is also one of the safest, Miss McMillan presented the results of experiments, in which normal dogs on a normal diet were found to have aluminum in the liver, kidney, spleen, and heart. A second experiment with white rats on a special diet high in aluminum showed them to suffer no ill effects from it.

Commenting on the work of a group of men in Pittsburgh, Miss McMillan said, "They found that food cooked in aluminum dissolved very

little of the aluminum unless the food contained acid or alkali. Foods to which baking soda had been added dissolved more aluminum than any others, but in any case, it was so small that it should produce no harmful effects, though it is best not to add the soda to vegetables while they are cooking in an aluminum utensil. More aluminum is dissolved from darkened than from bright vessels, also."

Miss McMillan said that any mineral in concentrated form and in large amounts is harmful. All the essential mineral elements are contained in our food and there is no danger of getting too much from our food.

Miss McMillan closed her talk with the statement "Since aluminum is a normal constituent of a large number of plant and animal tissues, it would seem that it must not be injurious to health in the small amounts found in foods even when cooked in aluminum utensils. We feel sure that aluminum is a suitable material for cooking utensils since the metal is only very, very slightly affected by foods during cooking."

FARM AND HOME WEEK BRINGS 1,052 VISITORS

MANY CHAMPIONS HONORED AT
ACHIEVEMENT BANQUET

Largest Attendance in Several Years Brings Farmers and Home Makers Latest Developments in Their Fields

The 1935 Farm and Home week, which closed Friday night with the annual achievement banquet, attracted 1,052 registered visitors to Manhattan and the Kansas State college campus—the greatest attendance in several years. Many others who attended some of the sessions did not register.

Visitors from all sections of the state saw and heard much concerning the latest developments in their respective fields. There were outstanding farmers, farm home makers, beef production champions, premier seed growers, blue ribbon corn show champions, poultry contest winners, canning champions, and others—each of whom was honored, at the banquet and in other meetings, for special achievement in their respective work.

The 1935 registered attendance exceeds by 269 the total of 783 who registered in 1934. Of this year's total, 596 were women and 456 were men.

MASTER FARMERS HONORED

Ten Kansas farmers received public recognition for their outstanding ability as farmers, good managers, home builders, and community leaders. These men make up the class of Kansas Master Farmers for 1934, selected through the Kansas Farmer, a Capper publication.

They are: H. A. Praeger, Clafin, Barton county; G. H. Lumb, Wakefield, Clay county; Henry Hatch, Gridley, Coffey county; R. E. Parcel, Coldwater, Comanche county; Arthur Cummings, Fowler, Meade county; G. W. Forbes, Cherryvale, Montgomery county; W. V. Stutz, Utica, Ness county; Harry Givens, Manhattan, Riley county; G. D. Hammond, St. John, Stafford county, and D. W. Osborne, Rexford, Thomas county.

HEREFORDS WIN FOR HIM

T. I. Mudd, Gorham, Russell county live stock man, took his place among Farm and Home week champions when he was announced as the winner of the 1934 Kansas beef production contest. He won with 60 head of Hereford calves which weighed 746 pounds at an average age of 325 days and sold for an average price of \$8.16 a hundred-weight. His herd had a 100 per cent calf crop.

T. I. Mullins, Junction City, last year's winner, placed second on 25 head of angus calves; Fred Morgan, Alta Vista, was third with 20 Hereford calves; W. R. Lilliequist, Sawyer, placed fourth on 38 Hereford calves; and J. D. Miller, Spring Hill, ranked fifth on 10 Shorthorn calves. Ribbon awards were made on the basis of rate of gain, economy of gain return per cow, finish, quality, and herd management. This was the seventh annual contest.

LAPTAD NEW CORN CHAMPION

Fred Laptad, Lawrence, was awarded the silver trophy signifying the grand championship of the Blue Ribbon seed corn show—a show held in spite of the popular belief that Kansas raised no seed corn during 1934.

The Douglas county man was awarded the trophy for his 10-ear exhibit of yellow corn which won the rosette ribbon first premium in that class. Second place for yellow corn went to Frank Reisenbucker, Garnett. In the white corn class, Clark O. Works, Humboldt, was first, and A. C. Geffert and Sons, also of Humboldt, second. Third went to Mr. Reisenbucker. The awards were announced by L. C. Willoughby, crops specialist of the college extension service, at the annual banquet of the Kansas Crop Improvement association Thursday night.

Frank S. Smerchek, Garnett, received the highest honor that a Kansas certified seed grower can attain

(Concluded on last page)

The KANSAS INDUSTRIALIST

Established April 24, 1875

F. D. FARRELL, PRESIDENT..... Editor-in-Chief
F. E. CHARLES..... Managing Editor
R. I. THACKREY, H. P. HOSTETTER.....
RALPH LASHBROOK..... Assoc. Editors
KENNETH L. FORD..... ALUMNI EDITOR

Published weekly during the college year by the Kansas State College of Agriculture and Applied Science, Manhattan, Kansas.

Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. C. E. Rogers is head.

The price of THE KANSAS INDUSTRIALIST is \$3 a year, payable in advance.

Entered at the postoffice, Manhattan, Kansas, as second-class matter October 27, 1918. Act of July 16, 1894.

Make checks and drafts payable to the K. S. C. Alumni association, Manhattan. Subscriptions for all alumni and former students, \$3 a year; life subscriptions, \$50 cash or in installments. Membership in alumni association included.



WEDNESDAY, FEBRUARY 13, 1935

MILK THAT IS MILK

For a generation the American public has been educated to the value of cow's milk in the human diet. The result has been an increase in the per capita consumption of milk from about 42 gallons in 1913 to 59 gallons in 1930, or more than 30 per cent. Unfortunately milk consumption has declined since 1930. No one can estimate the real meaning of this increase in building sound bodies for millions of American boys and girls. It is one of the bright spots in health work.

But now that American homemakers have learned the value of milk, another dilemma arises. The consumer—the housewife—is perplexed by the sudden appearance of a number of so-called special milks. Beside the wholesome milk left each day on the front porch by the milkman, Mrs. Housewife hears about irradiated milk, soft-curd milk, iodized milk, vitamin D milk, homogenized milk, and others. Frequently she has been not a little confused by what she has heard of these special milks because some of the advertising associated with them has said, by innuendo if not openly, that ordinary milk is lacking in some important food properties.

Dairy research workers are quick to deny that insinuation. Some of the special milks have definite merit, yet that does not mean that a glass of clean ordinary milk is not as wholesome as it used to be. It still builds bones and teeth and muscles in growing youngsters. The mother should not forget that. A few suggestions on some of the other milks may prove helpful to her.

Vitamin D milk fills a definite need because ordinary milk is low in this vitamin which prevents rickets. If the individual isn't getting his vitamin D from sunlight or through a well-balanced diet, irradiated milk will provide it.

Not enough evidence has been developed to prove the advisability of using iodized milk—increased in iodine content by feeding the chemical to cows. Iodized foodstuffs, such as table salt, are recommended as a more carefully regulated source of iodine than milk until more is known of this new milk product.

In the last three years there has been much talk of soft-curd milk and more recently of homogenized milk. The first is a low-protein product which permits the formation of a loose-textured curd in the stomach with possible improvement in ease of digestion. Homogenized milk accomplishes the same thing by breaking up the fat globules. Further research may prove that both of these special milks have merit. Until that occurs, the housewife may wisely continue to buy wholesome, ordinary milk for her family. If it is properly supplemented by a balanced diet, her children will grow healthy while science is verifying the merits of various "medicated milks."

MUSIC

Mr. Stratton's Recital

A program by Charles Stratton is never "just another recital." A Stratton program is almost invariably something to look forward to with special interest, and something to re-

member with particular pleasure. The recital Sunday afternoon in the college auditorium was no exception to the rule.

It might be unwise to say that Sunday's program was the finest that Mr. Stratton has ever played, for its recency may give it an importance slightly out of proportion to its merits as compared with other of Mr. Stratton's programs of less recent date; but there can be no question that it was a distinctive program; certainly one of the finest that he has ever presented in Manhattan, and a few of its features deserve special comment.

Mr. Stratton opened his program with the Mozart "Fantasia in C Minor." Quite apart from the fact that the "Fantasia" is a satisfying composition—or perhaps because of it—the chief merit of the number was that it put the audience in a pleasantly receptive frame of mind.

The second number was Schumann's "Fantasia in C Major, Op. 17"—a straightforward statement of fact, but one that some day may mean much more than it means today; for Mr. Stratton has a rare gift for reading Schumann. Robert Schmitz has a reputation for his reading of Bach; Friedmann is favorably known for his reading of Chopin; and Mr. Stratton plays Schumann with remarkable sympathy and insight. There is no apparent reason why Mr. Stratton's interpretation of Schumann should not set a contemporary standard if he chose to give his time to it.

The "Fantasia in C Major" is an unusual composition. A fantasy need not have any set form; but Schumann has chosen to cast this fantasy in the form of a sonata—but a sonata with some interesting variations. It closes with a slow movement. Schumann dedicated his fantasy to Franz Liszt; but it was composed in memory of Beethoven, a fact which not only accounts for, but justifies, the liberties which Schumann has taken with the form. Schumann was ever an innovator; and the fantasy might be regarded as an attempt at musical biography. The first movement, sometimes called "The Ruin," is not particularly happy in its title; the second, "The Triumphal Arch," is a commanding movement in march measure; the third, "The Starry Crown" (poor Schumann's inveterate flare for romantic titles sometimes stood him in bad stead) is a slow movement, characterized by peaceful calm. To close a sonata with a slow movement is unique, to say the least; but when one considers the biographical nature of the piece, it seems entirely appropriate and effective.

The only adverse criticism that one might care to offer on Mr. Stratton's program is that the contrast between the second and the third movements of the fantasy might have been a little more sharply accentuated. To be sure, Schumann was rarely a man of violent contrasts; and Mr. Stratton, with commendable respect for scholarship, strove for and achieved a unity, rather than a contrast, in the three movements; but a more heroic reading of the march would have made more impressive the following calm—all of which is a criticism, not of the pianist or his taste, but of his showmanship.

The tour de force of the afternoon was the "Second Sonata, in G Major" by the younger English composer, Arnold Bax. The composition is a tremendously stirring number in one movement, and with considerable of the modern manner. Common sense, if nothing else, forbids one's committing to writing an impression after only one or two hearings of a new major composition. This page would not hold the number of masterpieces that have been hissed off the stage at their first presentation. Most of the audience, one judges, took the Bax sonata on faith, believing that if Mr. Stratton took the trouble to memorize it, there must be something to it. Without doubt, the sonata is worthy of serious study, and the audience is indebted to Mr. Stratton for the opportunity of hearing a serious modern composition. The sonata, published in 1921, is surcharged with post-war disillusionment. There is nothing futile or whimpering about it; rather there is a determined, if scattered, optimism in the midst of chaos.

Mr. Stratton closed his program with Liszt's "Tarantella," a number that he has played on other programs, but never quite so well as he played it Sunday afternoon.—C. W. M.

IN OLDER DAYS

From the Files of The Industrialist

TEN YEARS AGO

"To reduce, try looking pie calories in the eye," was the headline appearing in THE INDUSTRIALIST.

Dr. W. O. Mendenhall, president of Friends university, speaking before college assembly, said the hope of more intelligent and more human international relationships for the future lay in European youth. Readjustments were coming through education, but education was hampered by extreme poverty in Germany, France, and Russia.

Sigma Delta Chi, men's journalism fraternity, and Theta Sigma Phi,

giving instructor, subjects, and number of classes. THE INDUSTRIALIST was 6 x 9 inches in size.

The twenty-third annual convention of the Y. M. C. A. of Kansas, held at Salina, was attended by the following students of the college: R. Greene, Frank Harris, R. C. Conwell, J. R. Garver, W. B. Garnett, J. R. Brock, E. C. Farrar, W. T. McCall, and A. D. Halloway.

FORTY YEARS AGO

The second volume of class letters from the members of '92 was printed, every member of the class being represented.

The college orchestra for the winter was composed of the following

Vital Middle Western Artists

From the Kansas City Star

One of the most important artistic developments in the United States since the World war, perhaps the most important, has been the rise of a group of middle western artists, with a distinctive point of view that goes much deeper than mere attention to local subject matter. And the Kansas City Art institute has performed a signal service for the understanding of that development by bringing Thomas Hart Benton here to describe it. Mr. Benton, who was born in southwestern Missouri, is not only the chief mural painter of the middle western group; he is also one of its principal theorists, a position he shares with Thomas Craven, the distinguished critic from Kansas.

Mr. Benton's thesis is basic. It is that art must respond to the pressure of new conditions or it is no longer art. But new conditions do not merely include the physical environment of the artist. They involve his whole approach to life. Consequently it is not enough for the middle western artist to paint scenes with which he is familiar. Art may still be simply an importation, and deal with native subjects, as long as the artist's point of view, his way of seeing and representing them, remains foreign, acquired in the studios of Paris, Rome, or London.

An American art, whether regional or national, according to Mr. Benton's theory, only becomes worthy of the name when it succeeds in evolving a new form in response to conditions existing in this country. In other words, it must develop its own system of expressing the fundamental relationships of art in color, line, and space. And it is because eastern American artists, by virtue of their traditions and geographical position, still adopt the colonial (or imitative) point of view, Mr. Benton contends, that their work has not yet become American art. In his opinion, the middle west, partly because of its pioneer heritage of independence and partly because of its physical isolation from Europe, has begun to emerge from this colonial attitude and to develop a native art.

Mr. Benton's theory may be open to debate in detail, but its general soundness is attested by the vitality of his own work and that of men like John Steuart Curry, Grant Wood, Charles Burchfield, and Frank Lloyd Wright. Whatever place their work may finally attain, it certainly lives as none of the colonial art of the east has ever lived. Here, if anywhere, the new middle western artists should find sympathy and understanding.

women's journalism fraternity, announced pledges for the spring semester. Gerald E. Ferris, Chapman; Fred Shideler, Girard; Newton Cross, and Russell Thackrey, Manhattan, were pledged to Sigma Delta Chi. The Theta Sigma Phi pledges were Erma Jean Huckstead, Junction City; Lucille Potter, Larned; Alice Nichols, Liberal; and Mary Marcene Kimball, Manhattan.

TWENTY YEARS AGO

Prof. H. W. Davis taught the course in advertising. The college was one of 26 schools in the United States which offered instruction in advertising.

Wheat-growing farmers of western Kansas were warned against letting soil blow. C. C. Cunningham, in charge of cooperative experiments for the college, gave suggestions for preventing such damage.

Nearly 100 students from eight literary societies in the college tried for places on the debating teams which would compete with those from six different institutions. Sixteen men and nine women were to win places on the team.

THIRTY YEARS AGO

The dairy laboratory received a new "Samson Jumbo" butter printer, which formed and printed 60 packages at one filling.

The class schedule for the winter term covered two pages of THE INDUS-

students: R. H. Brown, E. L. Brockway, R. W. Clothier, Lulu Daniels, P. Fox, G. W. Fryhofer, J. J. Fryhofer, Marian Gilkerson, C. M. Ginter, Lorena Helder, T. L. Jones, H. G. Johnson, C. Lyman, Hilda Leicester, F. Markley, J. Poole, C. C. Rambo, Grace Secret.

FIFTY YEARS AGO

The town cow nuisance—a burning question in many Kansas towns—was exhaustively debated by the Manhattan Horticultural society, which agreed to petition the city council as follows:

"WHEREAS, We are convinced that the herds of hungry cows and horses which are roaming at free will upon our streets and wherever else they can intrude are the one great obstacle in the way of all effective rural improvement, and especially of all planting and growing of shade trees and ornamental shrubbery.

"RESOLVED, That we respectfully petition your honorable body to pass an ordinance declaring said animals roaming in the streets or public squares and parks a nuisance, and ordering the city marshal and police force to pen them up at the expense of the owners."

A man ought to read just as inclination leads him; for what he reads as a task will do him little good.—Samuel Johnson.

WINTER STREETS

Helen Sloan Sorrells in the Kansas Magazine

A city street can be a lovely thing When snow falls fast, and like a pattern, clings To every sign and sill, and lamp posts stand Like queens with golden heads, who've made command That fairies write with neon in the snow Plain words, as "Joe's Shoe Shop," that fairies know To be of special import. At a glance One knows that somewhere on this street, romance Must flower, and be as freshly clean and sweet As snow that can so lovely dress a street.

So one feels no surprise to see the two— She in a scarlet shawl that must be new, And on her wrinkled cheeks and lips a hint Of unaccustomed color. He, by dint Of swinging her apple basket and his stand Of razor blades on one arm, holds her hand In his, whose warmth glows through a well-worn glove— Two old street merchants, hopelessly in love With love that only found them with the storm— A winter street can be surprising warm.

SUNFLOWERS

H. W. D.

AN IDEA, MAYBE

A few weeks ago, an editorial writer on the Saturday Review of Literature called on the college professors of English to explain why people—particularly men—in America are not reading books. There was a slight intimation that teachers of literature are to blame—at least that they ought to suggest what might be done about it.

Being a college professor, and also human, I'll first offer an alibi. College teachers of English are in contact with less than one per cent of the population. They meet that less-than-one per cent only three or four hours of the 168 that comprise a week. Their pathetic endeavor to shove young men and women into the reading of literature is unwittingly interfered with by teachers of other subject matter who demand that students read textbooks.

And here is an extension to my alibi. The college student, driven into textbooks, is at the same time exposed to other powerful deterrents to the reading of literature. Newspapers, moron magazines, the radio, the movies, and the automobile are a few of the worst of the lot. All natural enemies of the book-reading habit, they've established themselves by a terrific power dive during the past quarter of a century, and have affected not only college students, but also all of literate America.

But let's let the alibi moulder in its grave. I'm interested in the "idea" promised in the headline.

The book publishers of America are the poorest salesmen in America. Compared to the manufacturers of tooth pastes and mouth washes they haven't even made a move in the direction of first base. While the promoters of Listerine are entertaining America with Metropolitan opera the promoters of literature are sending out the blindest sort of information in envelopes that hit the waste basket with the contents undisturbed.

All right? Or all wrong? Just as you please. But why couldn't some leading book publisher, or several of them in league, get together on a really entertaining and frequent Book Lovers Hour and do a little fighting for business—and incidentally for the cause of literature? I mean a program of high interest and high merit. There's nothing about Mr. Ford's programs or General Motors' or a dozen or so others that would cheapen the standards of any of our literature-promoting corporations. Radio is bigger than Ed Wynn and Joe Penner and all their mad-ward sound effects.

One has the feeling, listening to a radio all evening, that he ought to be in a kitchen, or a garage, or a bathroom. But he really is sitting in a living room, where there are books and lamps designed for reading. The radio is a "natural" for promoters of literature, or I'm totally crazy. I'd almost argue about it, if anyone cared to argue.

'Tis a wise saying, drive on your own track.—Plutarch.

No man ever became extremely wicked all at once.—Juvenal.

AMONG THE ALUMNI

George H. Failyer, '77, lives on route 4, Manhattan. He has retired.

Wirt S. Myers, '80, is living at 1614 West Fifty-fourth street, Chattanooga, Tenn.

Florence (Brous) Smalley, '84, is living at 632 Everett avenue, Kansas City.

Ada (Little) MacEwan, '86, lives at 316 Elm street, Kalamazoo, Mich.

Dr. Edward Octavius Sisson, '86, is professor of philosophy at Reed college. He lives at 3807 S. E. Reedway, Portland, Ore.

John Brookins Brown, M. S. '87, is doing private forestry work at Saint Joe, Ark.

August F. Niemoller, '93, lives at Wakefield.

William A. Webb, '04, is farming at Clearwater.

H. B. Hubbard, '07, is an electrical contractor in Pasadena, Calif. He and Nellie W. (Baird) Hubbard, '05, live at 1552 North Los Robles, Pasadena.

Lucy (Needham) Fisher, '08, is teaching in a country school near Brighton, Colo.

Ella S. Hathaway, '10, is teaching clothing and textiles in the Britannia high school in Vancouver, B. C. She lives at 1348 Robson street, Vancouver, B. C.

Oley W. Weaver, '11, is with the information service department of the Empire Companies in Bartlesville, Okla. He and Kate (Blackburn) Weaver, f. s. '11, live at 525 East Fourteenth street, Bartlesville.

Grace L. Craven, '14, is secretary to the president of the University of Colorado. Her address is 1127 Broadway, Boulder, Colo.

The address of Joe Sweet, '17, and Mary (Weible) Sweet, '17, is Captain J. B. Sweet, headquarters Twenty-first brigade, Schofield Barracks, T. H.

Zeno C. Rechel, f. s. '17, is working in the office of the superintendent of the United States mint in Denver, Colo.

Ruth Myrtle Ridley, '18, is teaching home economics in the Topeka schools. She lives at 624 Western avenue, Topeka.

Dr. Louis Vallieres Skidmore, '20, is an associate professor in the department of animal pathology and hygiene at the University of Nebraska, college of agriculture, Lincoln, Nebr. He teaches veterinary anatomy, veterinary physiology, and animal hygiene. His address is 3859 Dudley street, Lincoln, Nebr.

Murray A. Wilson, '22, is a consulting engineer in Salina. His address is 136 South Eleventh street, Salina.

Claire A. Downing, '22, is engineer in charge of the municipal testing laboratory for the city of St. Louis. He has charge of testing materials purchased by the city. His address is 5372 Cabanne avenue, St. Louis.

Elmer R. Ausemus, '23, is an agronomist with the United States department of agriculture. He is with the division of cereal crops and diseases in the bureau of plant industry. His address is 2313 Priscilla street, St. Paul, Minn.

James R. Moreland, '24, is a junior observer in meteorology with the United States weather bureau. He and Zenia (Pearson) Moreland, f. s. '24, live at 724 North Arthur street, Amarillo, Tex.

Thelbert L. Weybrew, '24, is a railway engineer for the Westinghouse Electric and Manufacturing company, East Pittsburgh, Pa. His address is 14 Brinton road, Wilkinsburg, Pa.

Ernest L. Reichart, '24, is assistant professor of dairy husbandry and manager of the creamery at the University of Nebraska. He and Myrna (Smale) Reichart, '25, live at 3031 South Nineteenth street, Lincoln, Nebr.

T. C. Faris, '26, is teaching vocational agriculture in the Arkansas City high school.

Lucile M. Evans, '26, is teaching at Grand Island, Nebr.

H. C. Rhine, '26, is an attorney in Paragould, Ark. His address is 424 West Poplar, Paragould, Ark.

Irma R. Fulhage, '27, is matron in the Masonic home for children at Alexandria, La.

Oliver E. Taintor, '28, is doing compressor station work with the Natural Gas and Pipeline company of America. He is located at Melvern, Iowa.

Lora F. (Thiele) Hughes, '28, lives at 2803 Charlotte street, Kansas City, Mo.

Dale E. Springer, '28, is an agricultural engineer. He is doing soil erosion work for the government. His address is 812 Ninth street, Shenandoah, Iowa.

Wayne Amos, '28, is doing advertising and reporting for the Ames, Iowa, Milepost.

Kenneth Boyd, '29, is coaching at Blue Rapids.

Helen Kimball, '29, is teaching mathematics and coaching dramatics in the Belleville high school.

Tudor Charles, '29, is associate editor of the Kansas Farmer, a Capper publication. He lives in Topeka.

Leonard M. Pike, '30, is teaching government, history, manual training, agriculture, and coaching in the Milford rural high school.

Reland Lunbeck, '30, is assistant manager of the Schuyler hotel in Kansas City, Mo. Her address is 1017 Locust street, Kansas City, Mo.

Arthur Jesse McCleery, '31, is an engineer in the soil erosion service for the United States department of interior. He lives at Mankato.

Dr. E. E. Wilson, '31, is practicing veterinary medicine at Clyde.

Nellie R. Dilsaver, '31, is teaching in the Great Bend high school.

Howard Tempero, '31, is working toward a master's degree at the Kansas State Teachers college, Emporia. His address is 1609 Merchant street.

Madge Limes, '32, is a dietitian in a hospital in Auburn, Colo.

Esther Quenzer, '32, is teaching vocational homemaking at Pleasanton.

Maxine (Brown) Bottorf, '32, is living at 1040 South Twenty-ninth street, apartment 10, Omaha, Nebr. Mr. Bottorf is chemist in charge of the testing laboratory of the Great Lakes Refining company.

Ruby (Stover) Connell, '32, lives at 1126 Thurston, Manhattan.

Bernadine Finch, '32, is teaching vocational homemaking in Scotia, Nebr.

Ruth Vera Kistler, '33, is teaching home economics, English, and algebra in the Fall River high school.

Ruth McNay, '33, is field supervisor of the Benton county canning project at Bentonville, Ark.

Milton Ehrlich, '33, is with the building department of the Kansas Gas and Pipe Line company, Board of Trade building, Salina.

Robert J. Wilson, '33, is an accountant for the National Ice and Service company in Arkansas City. His address is 222 South B street, Arkansas City.

Elizabeth Roniger, '33, is teaching home economics, music, and commerce in the Matfield rural high school at Matfield Green.

Ollah (Butler) Wilson, M. S. '33, is teaching home economics at Iowa Wesleyan college, Mt. Pleasant, Iowa.

Mary Emma Stewart, '34, is home advisor in Marshall and Nemaha counties. She lives in Marysville.

BIRTHS

J. R. Mathias, '32, and Merithal (Hahn) Mathias of Great Bend announce the birth of a son, Charles Henry, on January 15.

Ronald H. Warren, f. s., and Ellen (Morlan) Warren, '28, of Courtland, are the parents of a daughter, Elizabeth Ellen, born January 6.

Mr. and Mrs. Ross Wilcox, 1016 Moro, Manhattan, announce the birth of a son, William Ross, on January 14. Mr. Wilcox is a student at Kansas State college.

DEATHS

LYNCH

J. H. Lynch, f. s. '78, died recently at the home of a son near St. Louis. He is survived by a son, Hal, and one daughter, Reah, '16.

BUCK

Winifred (Houghton) Buck, '97, died February 3 in Topeka following a long illness. She is survived by a daughter, a son, and three brothers and a sister, Lura Horton, '13.

OMAN

Andrew E. Oman, '00, died January 31 in Raleigh, N. C. Mr. Oman formerly was connected with the Kansas State college extension service. At the time of his death he was an assistant biologist in the United States department of agriculture, and was district leader of rodent control in North and South Carolina and Virginia. He is survived by his wife, two brothers, and a sister.

LOOKING AROUND

KENNEY L. FORD

The Denver Kansas State college alumni association held its annual winter meeting at 6:30 o'clock, January 14, at the Argonaut hotel in Denver. "Alma Mater" was sung before the banquet. After the banquet H. S. Burt, '05, gave a brief review of the life and achievements of George Wheeler, '95, who died last fall. This was followed by a reading by Helen Pratt and a vocal solo by Helen Cooper. F. T. Parks, '10, then gave a review of the 1934 Kansas State football season. R. H. McWilliams of the sociology department of Denver university, guest speaker of the evening, gave an interesting talk on "Social Trends."

The election of officers for 1935-'36 followed. Alfred R. Paden, '23, was elected president; Hubert Earl Woodring, '22, vice-president; and Wilma Long, f. s. '32, secretary-treasurer. W. L. Blizzard, '10, Stillwater, Okla., then gave the group a resume of things he had observed while at Kansas State college last fall.

The following attended the banquet: William O. Collins, '17, D. W. Working, '88; Frances (Wheeler) Bailey; Alfred R. Paden, '23; Ruth Wheeler; E. L. Pound, f. s. '86; F. T. Parks, '10; Minnie (Forceman) Parks, '09; Hazel W. Hoyt; Edwin H. Snyder, '88; H. Edwin Smith, '22, and Mrs. Smith; Ora (Hutton) Schade, '28; R. H. McWilliams; William Sherman Hoyt, '88; Wilma Long, f. s. '32; H. L. Collins, '23, and Lois (Richardson) Collins, '25; H. A. Burt, '05, and Mary (Strite) Burt, '05; Philip J. Edwards, '29; Mary (Gerkin) Burns, '27; and Wallace L. Thackrey, '18, and Bessie (Carp) Thackrey, f. s., all of Denver, Colo. Out of town members and guests included J. J. Wardwell, '33, Platteville, Colo.; D. H. Zuck, Cheyenne Wells, Colo.; Ruth McCammon, '30, Ft. Collins, Colo.; Albert M. Watson, '28, Ft. Morgan, Colo.; Helen Pauline Cooper, Greeley, Colo.; L. S. Harner, '92, Colorado Springs, Colo.; Bly (Ewalt) Curtis, '21, Boulder, Colo.; Paul E. Smith, f. s. '24, Boulder, Colo.; Louisa (Maelzer) Haise, '99, Crowley, Colo.; and W. L. Blizzard, '10, Stillwater, Okla.

Tune in on the blue network of the National Broadcasting company for the seventy-second anniversary radio program of Kansas State college Saturday evening, February 16, 8:30 to 9 o'clock, eastern standard time.

MARRIAGES

LANGDON-FOSS

Gladys C. Langdon, f. s., and Curtis H. Foss, f. s. '31, were married December 2. They are at home at Kingman.

DOORNBOS-BIEBER

The marriage of Frances Doornbos, '34, Eldorado, and Jack E. Bieber, f. s. '33, Osborne, took place December 26 in Salina.

RAUB-LUND

Kathleen Raub, Manhattan, and Roy C. Lund were married December 31. Both Mr. and Mrs. Lund are enrolled at Kansas State college.

ADAMS-NIXON

The marriage of Virginia M. Adams, f. s. '33, and Merwin Nixon, '34, took place December 25. Mr. Nixon is a

homestead rehabilitation advisor with headquarters in Meade.

FOX-CLUTTER

The marriage of Bonnie Mae Fox, Rozel, and Herbert W. Clutter, '33, took place December 2. They are living at Garden City where Mr. Clutter is assistant county agricultural agent.

BALOW-MOYER

The marriage of Clarence H. Moyer, f. s. '30, and Ruth Balow, Hiawatha, took place January 1. They are living at Colby where Mr. Moyer is an inspector with the state dairy department.

WILSON-HEER

The wedding of Eva Delle Wilson and Wilbur G. Heer, '34, took place December 24 in Borger, Tex. They are living in Ellsworth where Mr. Heer has a position with the Kansas state highway commission.

WARREN-BEACH

Analee Warren, Kansas City, Mo., and Roy Beach, Abilene, were married January 3 in Alma. Both Mr. and Mrs. Beach are students at Kansas State college. They live in the Drexel apartments, Manhattan.

MANGELSDORF-PORTER

Helen Mangelsdorf, '32, Arkansas City, and John Porter, Chicago, were married December 23 in Arkansas City. Mr. Porter is practicing law in Chicago. Their address is 904 Hinman avenue, Evanston, Ill.

BULL-CAIN

Alvernon Bull, f. s. '32, Marysville, and Franklin Cain, f. s. '32, Sparta, Ill., were married October 13 in Fairbury, Nebr. Mrs. Cain is teaching this year near Marysville, and will continue her work until the end of the term.

STONE-GOING

The marriage of Jane Stone, f. s. '34, and Jack Going, f. s. '34, took place January 1 in San Antonio, Tex. Mr. and Mrs. Going will live in Malvern, Ark., where Mr. Going is stationed as lieutenant with the civilian conservation corps.

HEANER-WILLIS

Mrs. Elizabeth Heaner, Brownsville, Tex., and Everett H. Willis, '22, were married December 31 in Edinburgh, Tex. Mr. Willis is manager of the Willis service station in San Benito, Tex. They are at home at 838 Levee street, Brownsville, Tex.

PEXTON-LANDON

The marriage of Catherine Lucile Pexton, Chicago, Ill., and Donald C. Landon, f. s. '34, took place December 30 in Chicago. Mr. Landon is connected with the Wilson Athletic Goods company in Chicago. The Landons will live in Chicago.

HAGGART-BRADLEY

The marriage of Lucia Haggart, '28, Salina, and Chris Bradley, '27, Ft. Scott, took place December 23 in Salina. Mrs. Bradley has been teaching in the Salina schools the past few years. Mr. Bradley is a rehabilitation advisor for Kansas. They are at home in Ft. Scott.

DEXTER-BOYD

Announcement was recently received of the marriage on September 1 of Mary Dexter, '34, Columbus, Ga., and Francis W. Boyd, '34, Phillipsburg, Mo. Boyd is teaching home economics in the Kensington high school this year. Mr. Boyd is coaching athletics at Logan.

CORNWELL-BETTIS

Geraldine Cornwell, f. s. '34, Topeka, and Jack Bettis, Anthony, were married December 31 in Topeka. Mr. Bettis is an examiner for the income tax department of the Kansas tax commission. They are at home at the Wenmark apartments, Topeka boulevard, Topeka.

LARUE-CONRAD

The marriage of Elizabeth LaRue and Ralph Conrad, '33, took place December 29 at the home of the bride's parents at Beaver Dam, Wis. Mr. Conrad has a part time assistantship at the University of Iowa. Mrs. Conrad is working toward her doctorate there. They are at home in Iowa City, Iowa.

PLUNKET-KASTNER

The marriage of Mildred Plunket and Dr. M. C. Kastner, '33, took place December 24 at the home of the bride's parents in Monte Vista, Colo. Doctor Kastner has been employed under the United States department of agriculture for the past two years. His headquarters are in Center, Colo., where they are living.

REED-COFFMAN

Muriel Olive Reed and William Welch Coffman, '30, were married December 24 at the home of the bride's parents near Reading. Mrs. Coffman has been teaching in the Scranton schools for the past three and a half years. Mr. Coffman is homestead rehabilitation advisor for Mitchell and Jewell counties. They live in Mankato.

RECENT HAPPENINGS ON THE HILL

Delegates from Kansas State college, the University of Kansas, and the University of Nebraska met in a triangular Y. M. C. A. retreat at Wamego Saturday, February 9. In charge of the Kansas State delegation were Dr. A. A. Holtz and Leslie King.

An opportunity for students interested in commercial home economics to see how a meat canning demonstration should be conducted was presented February 6 on the campus. Mrs. Gladys Ayers, '26, gave the demonstration. Mrs. Ayers is employed by the Ball Brothers Manufacturing company of Muncie, Ind.

These speakers for the annual intersociety oratorical contest to be held at Recreation center, Anderson hall, March 22, have been selected to represent their societies. Beulah Browning, Browning; F. I. McDonald, Hamilton; Abby Marlatt, Ionia; W. O. Creighton, Athenian; and F. L. Blaesie, college 4-H club. Sixteen groups were invited to enter.

The final vote on the bill providing for compulsory military training for all freshmen and sophomore men students at Kansas State college was passed by the house of representatives and has been sent to Governor Alf M. Landon for his signature. The bill originated in the senate and was passed there by a vote of 21 to 16. The board of regents has long required compulsory military training and this bill puts it into law.

There will be 60 more pages in this year's Royal Purple than there were in the 1934 book. The large number of pictures to appear in the book and the increase in the amount of art work makes the increase necessary. Three hundred twenty-six seniors have made arrangements to have their pictures in the 1935 yearbook, a substantial increase over last year. The student council and the college have purchased 157 books which will be distributed to the leading high schools in the state.

Dean Swift, Olathe, has been chosen manager of the fifteenth annual Engineers' Open House, and Tom Wherry, Sabetha, has been named secretary of the event, which will be March 15 and 16. Engineers' Open House is considered symbolic of the advance of engineering. Through open house, the people of Kansas become acquainted with the engineering division and its activities. People come from all over the state each year to open house which is culminated by St. Pat's prom on the evening of the last day.

ALUMNUS FROM UNEMPLOYED LIST TO SUCCESS IN ONE YEAR

A. W. Gudge, '23, to England Where He Will Open Factory

A. W. Gudge, '23, recently left for England to open a factory for James H. Rhodes and company of Chicago and New York.

A little more than a year ago Mr. Gudge was without employment. He set to work to establish contacts with possible employers. After listing 175 firms, each doing more than a million dollars in business annually, he sent letters to each with details of his experiences and abilities.

Officials of James H. Rhodes and company were impressed by the letter and gave Mr. Gudge an opportunity. He has been with that company for the past year. In his capacity as production engineer, he has become one of the firm's officials.

The James H. Rhodes and company grinds pumice stone, packs sponges, and manufactures steel wool, felt, and other abrasive and finishing materials.

Staff Edits Dictionary

Among the special editors of the Second Edition of Webster's New International Dictionary are Dr. E. B. Working and R. O. Pence of the Kansas State college milling department, who edited the terms which deal with milling. Miss Helen Elcock, associate professor of English, was a consultant in pronunciation. Dr. A. S. Hitchcock, former faculty member, had charge of features dealing with grasses, and Miss Ula M. Dow did tea, coffee, and spices.

Curry Painting Fund

A special committee of which Dr. R. C. Langford is chairman is receiving funds for the purpose of purchasing a painting by John Steuart Curry, Kansan and one of the country's best known painters, for the college collection. Although Curry is widely recognized and is represented in several outstanding eastern collections, no Kansas institution has in its collection one of his works. He has been called "the Homer of Kansas." Alumni are invited to assist in this project. The local committee is attempting to raise \$400 to supplement a sum previously pledged.

To Dr. J. T. Willard, Treasurer, Curry Painting Fund Committee, Kansas State college.

Dear Doctor Willard:

I am inclosing the sum of.....to be used toward the purchase of a painting by John Steuart Curry, to be presented to Kansas State college. It is my understanding that the money will be returned if the amount necessary is not raised or pledged by March 15, 1935.

Signed.....

Address.....

WILDCATS LOSE TWICE, KANSAS REMAINS AT TOP

MISSOURI DEFEATS KANSAS STATE
44 TO 31 and 34 to 20

**Tigers Climb to Fourth Place and Push
Coach Root's Men from Fourth to
Fifth Place in Big Six Bas-
ketball Race**

The past week's heavy campaign-
ing in the Big Six basketball race
saw the 4-time champion Kansas Jay-
hawkers throw back the challenge of
Iowa State to remain on the top of
the heap and the rise of late-rallying
Missouri from the cellar to the head
of the second division through two
victories over Kansas State college on
successive nights.

The Missouri Tigers climbed out
of the cellar in Columbia Friday
night by defeating Kansas State 44
to 31. The following night the Tigers
again downed the Wildcats, this time
34 to 20. The two victories lifted
Missouri from sixth to fourth place
and dropped Kansas State from
fourth to fifth. The wins also gave
Missouri an even split with the Wild-
cats for the season.

MISSOURI OVERCOMES HANDICAP

Accepting a 4 to 10 handicap in
the first four minutes of play, the
Tigers closed the gap with field goals
by Laverne Strom and Evans in the
Friday night game and then swept
into a 23 to 17 advantage at the half.

From the ragged Tiger start, which
saw Paul Gilpin, Kansas State for-
ward, outsmarting the Missourians,
and Frank Groves, elongated Wild-
cat sophomore center, having things
all his own way at center, Missouri
improved steadily, increasing the lead
to 34 to 23 midway in the second pe-
riod.

Jim Freeland, Kansas State for-
ward, who shared the Wildcat scor-
ing leadership with Groves, each
counting eight points, left the game
in the last five minutes with an ankle
injury.

WILDCAT OFFENSE FALTERS

The following night the Missour-
ians presented a defense which bot-
tled up the Kansas State offense so
effectively that the Wildcats were
forced into a wild long shot attack
which was never very dangerous af-
ter the first 10 minutes. At that
juncture Frank Groves dropped in a
pair of field goals to help trim the
Missouri lead to two points, 11 to 9,
but by half time the Tigers were in
front 17 to 12 and they pressed their
advantage throughout the second
frame.

Kansas State played without Jim
Freeland, veteran forward, who suf-
fered an ankle injury in the Friday
night game. Wayne Thornbrough,
starting in Freeland's place at for-
ward, was high with six points.

Missouri—44			
G.	FT.	F.	
Beer, f.....	0	0	0
Thompson, f.....	1	2	1
Henderson, f.....	1	0	3
Strom, c.....	3	0	0
Jorgensen, g.....	5	5	1
Powell, g.....	4	1	1
Totals.....	18	8	6

Kansas State—31			
G.	FT.	F.	
Freeland, f.....	4	0	1
Gilpin, f.....	3	0	0
Thornbrough, f.....	0	0	0
Groves, c.....	4	0	2
Stoner, g.....	2	1	2
Railsback, g.....	2	0	1
Totals.....	15	1	9

Score at half—Missouri 23, Kansas
State 17.
Officials—Parke Carroll and Ed Hal-
pin.

Missouri—34			
G.	FT.	F.	
Thompson, f.....	2	0	2
Beer, f.....	0	0	0
Henderson, f.....	5	1	3
Strom, c.....	3	0	1
Cooper, c.....	0	0	0
Powell, g.....	3	3	1
Jorgensen, g.....	1	2	0
Schaper, c.....	0	0	0
Totals.....	14	6	7

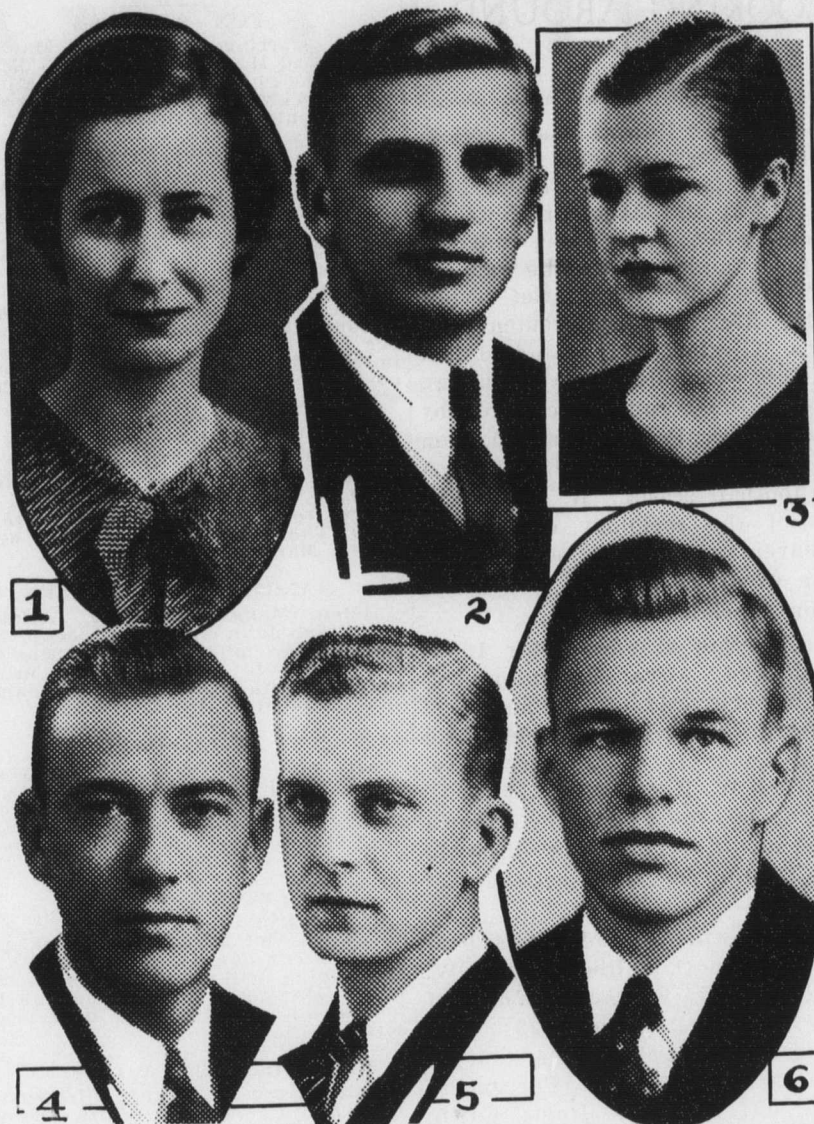
Kansas State—20			
G.	FT.	F.	
Gilpin, f.....	2	0	2
Allison, f.....	0	0	0
Thornbrough, f.....	2	2	3
Groves, c.....	2	1	2
Stoner, g.....	0	0	0
Railsback, g.....	1	1	3
Totals.....	7	6	10

Officials—Parke Carroll and Reaves
Peters.
Score at half—Missouri 17, Kansas
State 12.

Gibson Speaks at Boulder

W. E. Gibson of the highway road
materials laboratory at the college at-
tended the ninth annual highway
conference at the University of Colo-
rado, in Boulder, January 17 and 18.
He gave a paper on "Laboratory Re-
search on Materials Used for Bitu-
minous Mat Surfaces."

Representative of Outstanding Students



These six young men and women were presented at the Farm and Home
week achievement banquet Friday night as representative and typical of
the outstanding Kansas State students. They represent each of the six divi-
sions of resident study and were chosen through the deans of their divi-
sions. The presentation of the group was by Dean Margaret Justin of the
division of home economics. They are: (1) Ruth Jorgenson, Manhattan,
division of home economics; (2) Dean Swift, Olathe, division of engineer-
ing; (3) Winifred Wolf, Ottawa, senior in industrial journalism in the divi-
sion of general science; (4) Albert Thornbrough, Lakin, division of agri-
culture; (5) W. C. Hulbert, Wichita, division of graduate study; (6) Joe
Knappenberger, Penafosa, division of veterinary medicine.

FARM AND HOME WEEK BRINGS 1,052 VISITORS

(Concluded from first page)

—the Premier Seed Growers' medal.
He was the only man so honored at
the banquet which climaxed the an-
nual meeting of the Kansas Crop Im-
provement association.

Mr. Smerchek is a grower of Ful-
caster wheat, Midland yellow dent
corn, Kanota oats, Blackbull kafir,
and Atlas sorgo, sweet clover, soy-
beans, and lespedeza.

FIVE POULTRY CHAMPIONS

The Kansas poultry champions for
1934 are R. C. Black, Enterprise,
poultry management contest winner;
Mrs. Grace V. Hutchinson, Sabetha,
record of performance group; D. B.
O'Neill, Ransom, accredited flock
group; Mrs. Samuel Wenger, Pow-
hattan, certified flock group; and
Bernard I. Melia, Ford, brooding con-
test winner. The trophies were pre-
sented during the poultry day pro-
gram.

The attendance contest, based on
numbers present and distance trav-
eled, was won by Comanche county
which was represented by 50 persons.

Other contest winners included:
home talent night, first place in mu-
sic, Rice county women's quartet
composed of Mrs. C. M. Hodgson,
Mrs. M. C. Stromier, Mrs. Kenneth
Fotte, and Mrs. Roscoe Persinger, ac-
companied by Mrs. Robert Hodgson;
first place in plays went to Riley
county.

Miss Mabel Van Tuyl, Leaven-
worth county, was first in the Ball
canning contest. Mrs. Flossie Mau-
pin, Shawnee county, was first in the
Kerr canning contest.

E. L. Schultz, Mercier, and W. R.
Wenrich, Oxford, students, won the
grand championships in the two divi-
sions of the Little American Royal.

The Kansas Crop Improvement as-
sociation reelected officers. Bruce
Wilson of Manhattan is president.

New officers of the Kansas State
dairy association are A. Lewis Os-
wald, Hutchinson, president; W. L.
Schultz, Durham, vice-president; and
D. M. Seath, extension dairy special-
ist, secretary-treasurer.

Presidents of the dairy breed asso-
ciations now are: Holstein-Friesian
association of Kansas, Robert E.
Romig, Topeka; Kansas Ayrshire
club, John Keas, Farmington; Kan-
sas Guernsey Breeders' association,
Roy Dillard, Salina.

The Shorthorn Breeders' associa-
tion elected Harry Forbes, Auburn,
to the presidency.

SOCIAL CLUB INTRODUCES TWO NEW ART EXHIBITIONS

Entertains at Formal Party for Fac-
ulty Men

Two art exhibitions, a dance,
bridge, a game fete were the divi-
sions offered the faculty men Monday
night in Anderson hall at the annual
spring party given for them by the
Social club, organization of faculty
women.

The exhibitions were of contem-
porary American oil paintings, now
transferred to the gallery of the de-
partment of architecture, and of the
Manhattan Camera club, which can
be seen in Anderson hall until Feb-
ruary 23.

Mrs. F. D. Farrell, Dean and Mrs.
L. E. Call, and Prof. and Mrs. Linn
Helander were in the receiving line.
Professor Helander is the new head
of the department of mechanical en-
gineering.

PROGRESS OF KANSAS PRESS

F. E. C.

The Phillips County Review has a
new column, "Odd Bits About Peo-
ple You Know, or Know of." Besides
news, it contains some historical
items about well-known Phillips
county families.

"Statehouse Scribbles" is the label
on a column of legislative gossip ap-
pearing over the by-line of Harold
Hammond, f. s., in newspapers of his
district. Hammond publishes the
Caldwell Daily Messenger.

The Chase County Leader, edited
by W. P. Austin, is printing a com-
plete history of the county, written
and printed in 1928 by D. A. Ellis-
worth, a former resident of the coun-
ty. The history is reprinted to arouse
interest in a newly formed historical
society.

Chet Shore reminds readers of his
Augusta Gazette that want ads will
be run free to those advertising for
work, also that the Gazette publishes
swap ads free to anyone in the com-
munity whether a subscriber or not.
The Gazette is printing Representa-
tive W. P. Lambertson's "The Cloak
Room," written from Washington, D.
C., although Lambertson represents
the first Kansas district.

William Atlee Sears, editor of the

Correction

The girls who were described in
last week's INDUSTRIALIST as cleverly
transforming sycamore balls, cord,
garter clasps, and "galluses" into
smart costume accessories are in the
costume design I class, taught by
Miss Evelyn Dutton, rather than in
the design I class.

WILDCATS SET RECORDS, DEFEAT K. U. TRACKMEN

Coach Haylett's Kansas State Team
First in Seven of Twelve Events,
Wins 68½ to 35½

Placing first in seven of twelve
events the Kansas State Wildcats de-
feated Kansas university 68½ to
35½ Saturday at Lawrence in the
first indoor track meet of the season
for the schools. New records were
established in the quarter mile, half
mile, 2-mile, and shot put.

O'Reilly of Kansas State set a new
record in the 880-yard run, covering
the distance in 2:00.1. The former
record was 2:01, set by Rodkey of
Kansas in 1916.

Nixon of Kansas State established
a new 440 mark. His time was 53.3,
bettering the 54 seconds of Paul
O'Leary in 1916. In the 2-mile race
three Wildcats tied to set the record
of 9:54.5. The old mark was 10 min-
utes flat set in 1916 by Grady of
Kansas. In the mile and 2-mile runs,
Kansas State tracksters ran to a tie.
In each event, Kansas was so greatly
outdistanced it was possible for Coach
Ward Haylett's runners to pause and
wait for mates for a blanket finish.

Elwyn Dees, Kansas captain, won
the shot put with a toss of 47 feet
7½ inches to set a new record.

60-yard dash—Won by Knappenber-
ger, Kansas State; second, Jensen, Kan-
sas State; third, Pitts, Kansas. Time,
6.6.

440-yard run—Won by Nixon, Kan-
sas State; second, MacCaskill, Kansas;
third, McNown, Kansas. Time, 53.3.
(New meet record. Previous record of
54 seconds set by O'Leary, Kansas, in
1916.)

880-yard run—Won by O'Reilly, Kan-
sas State; second, Dill, Kansas State;
third, Graves, Kansas. Time, 2:01.1.
(New meet record. Previous record of
2:01 set by Rodkey, Kansas, 1916.)

1-mile run—O'Reilly, Wheelock, and
Redfield, Kansas State, tied for first.
Time, 4:54.7.

2-mile run—Wheelock, Robinson, and
McCollum, Kansas State, tied first place.
Time, 9:54.5. (New meet record. Pre-
vious record of 10 minutes flat set by
Gray, Kansas, 1916.)

60-yard high hurdles—Won by Knap-
penberger, Kansas State; second, Steele,
Kansas State; third, Reed, Kansas.
Time, 8 seconds.

60-yard low hurdles—Won by Knap-
penberger, Kansas State; second, Reed,
Kansas; third, Kirk, Kansas State.
Time, 7.1 seconds.

Shot put—Won by Dees, Kansas; sec-
ond, Bell, Kansas State; third, Kanat-
zar, Kansas. Distance, 47 feet 7½
inches. (New record. Previous record
of 44 feet 7½ inches set by Sandefur,
Kansas, 1921.)

200-yard jump—Won by Pitts, Kansas,
22 feet 1½ inches; second, Hemphill,
Kansas State; third, Edwards, Kansas
State.

High jump—Won by Shannon, Kan-
sas, 5 feet 11 inches; second, Roehman,
Kansas State; third, Harris, Kansas
State.

Pole vault—Ayers, Kansas State, and
McDonald, Kansas, tied for first at 11
feet 3 inches; Hemphill, Kansas State,
and Ardrey, Kansas, tied for third at
10 feet 9 inches.

FARM AND HOME WOMEN OUTGROW 'REC' CENTER

SIX HUNDRED ATTEND HOME ECO-
NOMICS FOUR-DAY PROGRAM

Mrs. Berry, Mrs. Snyder, Dean Justin,
Among Favorite Speakers—All
Enjoy Calvin Hall, Cam-
pus Work Shops

"As far as the women were con-
cerned, it was the best Farm and
Home week we have ever had." This
is the unanimous verdict of all inter-
viewed as to last week's sessions. "I
know we're inclined to say that each
year," admitted Miss Amy Kelly,
state home demonstration leader,
"but there's no question of it this
year. For one thing, we have never
before had such a large attendance.
More than 596 women registered, and
more than 600 were at the meetings.
We've outgrown Recreation center
now, just as years ago we outgrew
the Calvin hall lecture room; we had
to take some of the meetings over
to the auditorium to accommodate
the crowd."

"Home talent offerings Tuesday
night were better selected, better pre-
sented than they were last year,
when this part of the program was
started. Actors had an assurance not
so evident last year. The community
recreation idea has spread, so that
entries have doubled. This year we
had our first puppet show, given by
the Franklin county Rural Service
club, young people between the 4-H
and farm bureau ages. The nine peo-
ple who manipulated the strings for
'Barnicle Bill' and 'Little Black
Sambo' did so with skill. They had
made the tigers, sailors, and other
puppets with modeling clay, scraps of
cloth, paint, old newspapers."

"Mrs. Clara Gebhard Snyder, di-
rector of foods and nutrition at the
Institute of American Poultry, Chi-
cago, with her food preparation dem-
onstrations, her recipes, was one of
the favored speakers," Miss Kelly re-
ported. "Mrs. George H. Berry,
Plentywood, Mont., was another—
partly because she spoke in practical
terms, as one farmer's wife to an-
other. Dean Margaret M. Justin's
talks on people of other lands were
listened to with great interest."

Tickets issued for a special time
to visit departments in the home eco-
nomics buildings brought many more
women than usual into those parts of
the campus, where specially prepared
exhibits attracted much interested
attention, according to Assistant
Dean Margaret Ahlborn.

JOHN HELM TO LECTURE ON AMERICAN OILS EXHIBITION

Conservatives and Radicals Repre-
sented in Current Showing

Four Kansans are represented in
the exhibition of contemporary Ameri-
can oil paintings now hanging in the
gallery of the department of archi-
tecture. They are Margaret Sandzen,
Lindsborg; Helen Hodge, Topeka;
and B. J. Norfeldt and Glenn Golton
of Wichita. In style they run the
gamut from conservative to ultra
modern. Prof. John Helm will lec-
ture on them next Monday evening in
Anderson hall, under the auspices of
the A. A. U. W. art and travel sec-
tion.

The Big Six Standings

	W.	L.	Pct.	Pts.	OP.
Kansas.....	7	1	.875	301	295
Iowa State.....	5	2	.714	222	209
Oklahoma.....	6	3	.667	319	314
Missouri.....	4	3	.556	346	376
Kansas State.....	3	7	.300	299	365
Nebraska.....	1	5	.167	178	203

GAMES THIS WEEK

Friday—Kansas vs. Nebraska at Lin-
coln; Oklahoma vs. Kansas State at
Manhattan; Drake vs. Iowa State at
Ames.
Saturday—Oklahoma vs. Kansas State
at Manhattan.

Basketball Schedule

*Dec. 14—Kansas State 36, Kansas U. 35.	
*Dec. 18—Kansas State 29, Kansas U. 40.	
Jan. 4—Kansas State 32, Oklahoma U. 38.	
Jan. 5—Kansas State 34, Oklahoma U. 47.	
*Jan. 7—Kansas State 27, Oklahoma City U. 36.	
*Jan. 8—Kansas State 34, Wichita U. 50.	
Jan. 11—Kansas State 14, Kansas U. 40.	
Jan. 14—Kansas State 25, Iowa State 29.	
Jan. 21—Kansas State 47, Nebraska 41.	
Jan. 26—Kansas State 37, K. U. 43.	
Feb. 1—Kansas State 27, Missouri 20.	
Feb. 2—Kansas State 32, Missouri 29.	
Feb. 8—Kansas State, 31, Missouri 44.	
Feb. 9—Kansas State, 29, Missouri 34.	
Feb. 15-16—Oklahoma U. at Manhat- tan.	
Feb. 22-23—Kansas U. at Manhattan.	
Mar. 4—Iowa State at Ames.	
Mar. 2—Nebraska U. at Lincoln.	

*Indicates non-conference.

THE KANSAS INDUSTRIALIST

Volume 61

Kansas State College of Agriculture and Applied Science, Manhattan, Wednesday, February 20, 1935

Number 19

MESSAGES INDICATE THE SUCCESS OF BROADCAST

ALUMNI THROUGHOUT COUNTRY PARTICIPATE IN FOUNDERS' DAY

Approval of N. B. C. Officials, Alumni, and Radio Audience Probably Will Make Other Chain Programs Possible

Telegrams and letters of congratulation from alumni in many states and the District of Columbia were received by President F. D. Farrell and Alumni Secretary Kenney L. Ford following the Founders' day radio broadcast over the N. B. C. blue network Saturday night. Apparently alumni throughout the country participated in the celebration of the seventy-second anniversary of the founding of Kansas State college.

The number of telegrams and letters indicates it was the most successful anniversary broadcast ever attempted. The enthusiastic approval of National Broadcasting company officials, alumni, and radio listeners in general, have made future chain broadcasts more than possible for the college, those in charge believe. As messages of congratulation continued to come in early this week plans were already being discussed for broadcasting the program over radio station KSAC.

N. B. C. OFFICIALS PLEASED

"Program beautifully done. Fine example of dramatic presentation. Whole program a model for others." This was the way Franklin Dunham, educational director of the National Broadcasting company, described the broadcast in his telegram to President Farrell. Another complimentary message was received from Phillips Carlin, vice-president of the National Broadcasting company.

"Congratulations on your first nation-wide broadcast. It packed a real thrill." This message from Ralph W. Sherman was characteristic of many from alumni throughout the country.

These Kansas State college alumni and former students met at the Old English grill in Salina where they ate and listened to the program: Lloyd R. Miller, '20, and Mrs. Elda J. Miller, f. s. '18; Mrs. L. W. Rexroad, f. s., and L. W. Rexroad, '13; Franklin A. Adams, '09; Charles H. Kenison, '30; Mrs. Beulah Kenison, '29; Wilma Mills Florer, f. s.; Hazel Bland, '35; Oliver Bland King, '30; Leslie R. King, '31; Ralph E. Brown, '27; E. M. Chalk, '27; Mrs. Patricia Douglass and James M. Douglass, '28; John T. Hoyne, '29; Mrs. Ralph Brown and Mrs. William Doyle, '33; and Mrs. Franklin A. Adams.

HIGHLIGHTS DRAMATIZED

Highlights in the history of Kansas and Kansas State college, from the time the river steamer Hartford landed near the present site of Manhattan in 1855, were dramatized. The decision to found a college and the founding of Blumont college (now Kansas State) in 1858; a forenoon in 1874 on a western Kansas homestead during the grasshopper invasion; the development of home economics from sewing and cooking to the present science; the drouth of 1934; the development of testing concrete and accomplishments of the college in resident instruction, research and extension were dramatized.

Interludes of music and appropriate sound effects were skillfully employed throughout. William Lindquist was musical director; Prof. H. W. Davis was program director, and H. Miles Heberer and Kingsley Given were dramatic directors.

Payne to Chicago

Among the speakers scheduled for the opening day of the eighth annual Fact Finding conference of the American Poultry industries, to be held in Chicago February 25 and 26, will be Prof. L. F. Payne of the college staff. He will discuss the probable effects on poultry meat quality of the new poultry utility standard of the International Baby Chick association. The program is intended specifically to aid the operators of produce packing plants.

What Others Say

Here are a few of the congratulatory telegrams received February 16 following the Founders' day broadcast:

New York City

President F. D. Farrell:
"Congratulations on your fine anniversary program. It brought back many memories and made me homesick for the old scenes. Best wishes."—J. G. Harbord.

New York City

President F. D. Farrell:
"Congratulations on presenting program in real radio style. It was most interesting and I think helpful to your institution."—Phillips Carlin, vice-president, National Broadcasting company.

New York City

President F. D. Farrell:
"Program beautifully done. Fine example of dramatic presentation. Whole program model for others."—Franklin Dunham, educational director, National Broadcasting company.

Indianapolis, Ind.

President F. D. Farrell:
"Congratulations on anniversary of Founders' day and the excellent program given on air last night. Reception especially clear here. Thoroughly enjoyed each number and particularly hearing voices of well remembered acquaintances. Personal regards."—J. M. Petty.

Washington, D. C.

President F. D. Farrell:
"Congratulations and best wishes for our Alma Mater."—Adel Blachly Freeman, '01.

ENGINEERING CONFERENCE ATTRACTS 200 DELEGATES

Many Subjects Related to Highways on Program at College Last Week

Road materials and construction, safety measures, roadside landscaping, and other subjects related to highway engineering were among the problems which 200 delegates to the annual conference on highway engineering discussed during a meeting on the campus Thursday and Friday. The conference was sponsored by the Kansas state highway commission and the college.

Delegates were welcomed Thursday morning by President F. D. Farrell and by Dean R. A. Seaton of the division of engineering. Roadside landscaping and scenic values were discussed Thursday during a session led by C. H. Scholer and L. R. Quinlan of the college staff.

William Allen White of Emporia addressed a dinner meeting held in the Wareham hotel Thursday night.

A talk on "Highway Safety," by E. B. Chapman, editorial writer for the Topeka State Journal, followed by a discussion led by George Mack, Jr., started Friday's Program. The importance of the county engineer in the KERC was discussed by W. E. Baldry, veteran highway engineer with the state emergency relief commission in Topeka.

A talk on "Design of Concrete Slabs," by Frank T. Sheets, consulting engineer for the Portland Cement company, and a discussion led by M. W. Furr of the college and R. J. Smith of the state highway commission closed the program.

Out of state men who contributed to the program included: B. B. Hunnaker of the J. D. Adams company, Indianapolis, Ind.; H. J. Gilkey of Iowa State college; and R. F. Blanks of the bureau of reclamation, Denver.

BULLETIN ANNOUNCING TWO SUMMER SESSIONS AVAILABLE

Courses Designed To Meet Needs of Six Groups Are Offered

Summer school courses designed to meet the needs of teachers, candidates for certificates, superintendents and principals who wish to do research in education, candidates for higher degrees, undergraduates, and high school graduates about to begin a college term, will again be offered this year by Kansas State college.

Two sessions of summer school, one of nine weeks, May 28 to July 27, and a four-weeks session, July 1 to July 27, are offered, according to the announcement of courses in the summer school number of the Kansas State college bulletin, now available.

BRANCH STATION WORKERS ATTEND TWO-DAY SESSION

THIRTY VISITORS IN ADDITION TO THOSE FROM MAIN STATION

Coordination of Work and Comparison of Experiences, Especially Relating to 1934 Drouth Included on Program

Members of the Kansas agricultural experiment station staff attended the ninth branch station workers' conference at the college last Friday and Saturday. Beside those from the principal station here, 30 visitors from branch stations in Kansas and from neighboring states and the U. S. D. A. attended.

Coordination of the work at the various branches and comparison of notes and experiences, especially relating to the drouth of 1934, constituted the two-day program. At the opening session Friday morning President F. D. Farrell outlined the institution's 20-year program. He pointed to the fact that individuals of the college and station staff come and go but that the institution runs on regardless of the tenure of staff members. That tenure has increased from seven years 10 years ago to 11 years. The president told the branch station workers that the 20-year plan has two purposes: to help the staff members study their jobs, and to adjust the college to changing conditions.

NAMES SUCCESS FACTORS

Dean L. E. Call pointed to three things that have made the experiment station a success: proper administrative relationships, the proper handling of manuscripts, and permanent recording of research results.

Prof. R. J. Barnett considered the possibilities of undertaking experiments with garden vegetables at the western Kansas branch experiment stations, with the use of irrigation at Garden City. Practically nothing has been done along this line.

Prof. H. H. Laude, who analyzed 65 years of weather records in an attempt to foresee drouths of the future, concluded that Kansas will continue to have its dry years and that man will be unable to say just when they will come or how bad they will be.

A. F. Swanson of the Hays station and Dr. C. W. McCampbell of the college discussed the value of feeds in drouth years, pointing to observations that grass, hay, fodder, and other roughages frequently have a higher feed value in drouth years than in normal or excessively wet years.

SEEK NEW PASTURE PLANTS

Prof. A. E. Aldous outlined a long-time pasture program for Kansas, emphasizing particularly the regeneration of abandoned tilled land and development of better pasture plants. C. R. Enlow, who last year spent four months in the steppes of Russia and in the arid lands of Turkestan and Turkey, described what the department of agriculture is trying to do in the way of finding new pasture plants, especially for the more arid plains in this country. In Turkestan and Turkey he found grasses that appeared to do well on an annual rainfall of four inches. Some new and promising pasture plants also have been found in the plains area of this country. The best will be tested at the U. S. D. A. soil erosion stations.

"Kansas farmers won't begin to get out of the woods" on the seed scarcity situation this year, R. I. Throckmorton, head of the college agronomy department, told the station men. Even if 1935 is a fairly good year—which it may not be—the state will need good seed of adapted varieties in 1936, and in 1937 and after that, Throckmorton insisted. "We will still feel the effects of 1934 by 1940," he declared.

The reason for this, Throckmorton continued, is that large quantities of poorly adapted seed of low quality will be planted this year. The product of such planting promises to be planted next year and the year after that. The supply of pure seed of

adapted varieties will be insufficient for several years, he said.

WORKING WITH THISTLE

Both Superintendent L. C. Aicher and D. A. Savage of the Ft. Hays branch station spoke of experimental work with the Russian thistle. The Hays station is feeding thistle silage, thistle hay, and thistle meal in various combinations. The reports given were merely on progress of work at Hays. Superintendent Aicher has not been favorably impressed with thistle silage because it spoiled badly, probably because it does not pack down and air gets into it. He prefers the ground thistle to the silage, on a basis of experience to date. Aicher said a problem in continuing the research would be to obtain thistles in enough volume in normal crop years. In ordinary years they grow abundantly only along roads and fence rows.

Branch station visitors were: Hays—L. C. Aicher, A. L. Hallsted, A. F. Swanson, D. A. Savage, R. R. Drake, F. G. Ackerman, F. P. Eshbaugh, C. E. Van Doran, Colby—E. H. Coles, J. B. Kuska, Tribune—T. B. Stinson, Garden City—F. A. Wagner. From the south-central, southeast, and northeast experimental fields—C. E. Crews, F. E. Davidson, and Erwin Abmeyer.

DR. NABOURS DISCUSSES STUDIES IN INHERITANCE

Sunday Popular Science Lecture Attendance Double That of Last Year, Says College Zoologist

"Excursions into Heredity" was the title of the lecture given last Sunday afternoon by Dr. Robert K. Nabours, head of the department of zoology and geology, for the third of this year's series of Sunday science lectures.

He showed slides as he told of studies of inheritance made with crossing buffalo cattle, and humped zebu cattle with native stock, crossing black curly caracul sheep with native sheep, and various kinds of grasshoppers. He showed that curliness and blackness in sheep are characteristics which are dominant over straightness and whiteness, and that Hereford traits dominate over zebu ones. Further he pointed out that with continued inbreeding, the characteristics of both progenitors come out in the second generation.

"The Sunday afternoon popular science lecture is evidently proving acceptable to the general public," commented Doctor Nabours yesterday. "Attendance this year is double that of last year, when we started them." All lectures are given at 3 o'clock in Fairchild hall, although the museum is open from 2 until 5.

Dr. F. C. Gates of the department of botany and plant pathology will speak next Sunday on "Trees and Shrubs in Winter." He will point out characters by which these may be identified without their leaves.

STUDENTS HAVE WEEKLY EVENING OF DISCUSSION

Study Vocations, Bible, Ethics in Faculty Homes

The Bible, vocations for college women, and student "values" of living are the three subjects being discussed by college students each Thursday night throughout February in three Kansas State faculty homes. The first theme was chosen by the group meeting at the home of Dr. and Mrs. A. A. Holtz; the second, by those at the apartment of Misses Helen Elcock and Helen Hostetter; the third, at the home of Assistant Prof. A. L. Clapp.

These are to be followed in March with a series of four talks on marriage, some to be addressed to mixed audiences, others to co-eds and men separately. This series has come to be an annual affair, with some Manhattan physician and minister giving two of the talks. Both series are sponsored by the Y. W. and Y. M. C. A.

ANSWERS QUESTION 'WHO SHOULD GO TO COLLEGE'

PRESIDENT FARRELL OPENS OPPORTUNITY HOUR SERIES

Only Those Who Are Able and Willing to Make Effective Use of Opportunities Should Attend, President Says

Citing college life as an opportunity for the person who sincerely wishes to educate himself, President F. D. Farrell answered the question of who should go to college in a brief paper last week on the first of a series of radio programs for prospective students. It was the first broadcast of the young people's opportunity hour which is on the air each Thursday from 4:30 to 5:30 o'clock from radio station KSAC.

M. F. Ahearn discussed "Opportunities for work and play at Kansas State." The student speaker was Hal R. Doolittle, Kansas City, Mo.; his subject, "Why I came to college."

SIMILAR PROGRAM EACH WEEK

The series will continue with similar programs devoted to general science, engineering, home economics, graduate study, veterinary medicine, extension service, agriculture, and other phases of college work and life on succeeding Thursdays until May 23.

President Farrell, in opening the series, stressed the fact that schools do not educate anybody; that they simply provide inspiration, guidance, and facilities which help the student to educate himself.

From that premise, the president answered as follows the question—"who should go to college?"

"Only those persons should go to college who are able and willing to make effective use of college opportunities. The fact that the college library contains thousands of books is of little importance to a student who will not read. A fine lecture is of no value to a student who will not listen. The same reasoning applies to the classrooms, laboratories, and all other educational facilities.

LOOK TO HIGH SCHOOL RECORD

"How may an individual know whether he will be likely to benefit from college? One of the best indications is his record. If the student ranks at the bottom or near the bottom of his high school class, he almost certainly should not go to college. He probably would be unhappy and unsuccessful. If he ranks near the top or almost anywhere above the average in high school he is almost certain to do well in college. There are exceptions but, in general, the rules provide a safe guide.

"High school graduates who have good mental ability and sound character, who are eager to learn, who enjoy using their minds, who are eager to work and willing to sacrifice today's pleasures for tomorrow's benefits and who have demonstrated all this as high school students—these are the young men and young women who should go to college. For these, going to college is a happy, interesting adventure, beneficial alike to the young people themselves and to their country."

MISS EVERHARDY ELECTED ART ASSOCIATION OFFICER

Lectures on American Indian Artist at Association Convention

Miss Louise Everhardy was elected secretary of the Kansas State Art Teachers' association at its convention in Topeka February 9. She was also on the program, lecturing on "An American Indian Artist."

Miss Dorothy Barfoot, also of the Kansas State college art department, was another who attended the meetings.

Scholar to Sioux City

Prof. C. H. Scholer, of the department of applied mechanics, was called to Sioux City, Iowa, last week as a witness in a paving controversy between the city and a contractor.

The KANSAS INDUSTRIALIST

Established April 24, 1875

F. D. FARRELL, President... Editor-in-Chief
F. E. CHARLES... Managing Editor
R. I. THACKREY, H. P. HOSTETTER,
RALPH LANHBROOK... Assoc. Editors
KENNETH L. FORD... ALUMNI EDITOR

Published weekly during the college year by
the Kansas State College of Agriculture and
Applied Science, Manhattan, Kansas.

Except for contributions from officers of the
college and members of the faculty, the articles
in THE KANSAS INDUSTRIALIST are written by
students in the department of industrial
journalism and printing, which also does the
mechanical work. Of this department Prof. C. E.
Rogers is head.

The price of THE KANSAS INDUSTRIALIST is
\$3 a year, payable in advance.

Entered at the postoffice, Manhattan, Kansas,
as second-class matter October 27, 1918. Act
of July 16, 1894.

Make checks and drafts payable to the K.
S. C. Alumni association, Manhattan. Sub-
scriptions for all alumni and former students,
\$3 a year; life subscriptions, \$50 cash or in instal-
ments. Membership in alumni association in-
cluded.



WEDNESDAY, FEBRUARY 20, 1935

RADIO PIONEERING

The nation-wide broadcast of the Kansas State college seventy-second anniversary program last Saturday night may have marked the beginning of a new era in college radio broadcasting, not only for Kansas State but for all colleges and universities. Certainly Kansas State college had never before strayed far from the orthodox broadcast and if others have done so, their programs have not been received in this section.

Those who were responsible for the half hour of entertainment and instruction from station KSAC succeeded in popularizing the presentation of important and valuable results of scientific research. Such presentation in no way detracted from musical numbers and the occasional line of humor. In fact, the program was made effective by contrast.

Congratulations received from alumni and others after the broadcast bespeak a friendly audience for this new type of college program. They suggest that Kansas State college may wisely adopt and use more extensively the desirable features of this latest popularized radio program.

LIBERTY AND THE ENGINEER

The state's beloved small-town editor, William Allen White of the Emporia Gazette, is confident that Kansas and the United States is going to work out its present-day problems. He is confident, also, that the engineer is going to play an important part in the solution. That was one prediction made by Mr. White, obviously not merely as a sop to his audience, when he addressed highway engineers in Manhattan last week.

White contrasted the engineer in America, where he serves the individual, with the engineer in Russia, Germany, and Italy, where he attempts to serve the masses through the government which, unfortunately, is not the people, as it more nearly is in America. The new deal, American style, is better, Mr. White believes, than any five-year plan laid out by a dictator; than any rigid, impregnable, and unbreakable program yet invented by a despot.

"The new deal is full of flaws," the Emporia editor continued. "It is a trial and error plan, with a good many errors per trial. But I would rather have that than some fellow sitting in the white house who knew exactly what he intended to do on the fourteenth of September, 1938. We are better off feeling our way."

"No man can be a despot without arrogance, and arrogance will blind a despot."

The system of state highways is a splendid example of the engineers' contribution to society in Kansas, according to Mr. White. The problem in Kansas and America is one of "balance between the use of the engineer as a public functionary and his use as a servant of the individual," he reasoned. "Our heritage is liberty and the alliance of liberty with the state."

And in Kansas that alliance can be maintained even better than in states on the Atlantic seaboard, because the love of liberty in the hearts and minds of most Kansans is older than that in the minds of easterners. In Kansas that love of lib-

erty traces back three hundred years to the earliest settlers in America, White explained. In the east where the population is largely foreign born and accustomed by centuries to oppression, that love of liberty runs back a mere generation or two.

The American plan suits him best, Mr. White reiterated, "using the engineer, of course."

BOOKS

A Wanderer's Story

"The Secret Kingdom, an Afghan Journey," By Ben James, Reynal and Hitchcock, Inc., New York. 1934. \$2.75.

Ben James, an eastern seaboard wanderer, has been on the Kansas State college campus. He has hobnobbed with Kansans. For this reason, his travelog on a mid-Asian journey will seem somewhat more personal to those who remember him. In places it sounds a bit incredible but it is nevertheless amusing from the time James enters Persia via Soviet Russia—a lone and sometimes apparently lost wanderer—until his exit from Afghanistan by way of India.

For those who like geography and travel, even if taken vicariously, here is an entertaining trek into the land of turbans and veiled women. There are pictures of cruelty in this book, though nothing to compare with those in the contemporary novel, "The Forty Days of Musa Dagh." Not unlike Russia, Turkey, China, and other oriental lands, Afghanistan has had a reawakening, a twentieth-century revolution. Into James' travelog are woven interestingly the threads of such recent political and social history.

Some of it may be superficial—the author spent only a few weeks in Afghan country—yet into his travel notes are inserted enough economics, history, and romance to hold the interest. The account may not be read in one day but it is likely to be finished, once begun. It has the quality of a novel—that makes you want to know what comes next—right up to the last line which reproduces the signboard that James looked back upon as he made exit from Afghan mountains: "It Is Positively Forbidden to Enter Afghan Territory."—F. E. Charles.

MUSIC

Mr. Jesson's Recital

Both taste and intelligence were exemplified in last Sunday afternoon's organ recital given by Richard R. Jesson of the college music department.

Three Bach numbers opened the program: Chorale Prelude, "Sleepers, Wake! A Voice Is Calling"; Sonata from the Cantata, "God's Time Is Best"; and "Tocatta and Fugue in D Minor." Though a note explained that this was in commemoration of the 250th anniversary of that composer's birth, one feels that Mr. Jesson would have included them anyhow—there is so much of Bach's own cool, exacting aestheticism in the Kansas State organist. Even the layman would dimly recognize and pay some measure of tribute to Mr. Jesson for his even technic, his thorough appreciation of Bach's style.

His second group was a delightful one: two numbers from Jacob's "Hours in Burgundy"—lyrical descriptive bits; Yon's amusing take-off on a fourteenth century organ, "Humoresque"; and a Honegger "Fugue"—showing that leader of the School of Six in a rare, almost conservative, movement.

The Fourth Symphony of that blind old Paris organist, Vierne, concluded the recital. From the small piping notes which opened the "Menuet" movement to the brilliant "Final" it emerged from Mr. Jesson's fingers a clean-cut, lovely creation.

More than once his audience sighed as he slid from the organ bench, regretful that his recital had been so brief.—H. P. H.

SCIENTIFIC PUBLICATIONS OF KANSAS STATE COLLEGE

"Notes on the Neuroptera and Mecoptera of Kansas, with Keys for the Identification of Species," by Roger C. Smith, Kansas State college, Manhattan, Journal Kansas Entomological Society, October, 1934. The tabular summary of the Neuroptera known to occur in Kansas shows that the species in Kansas reported in a 1925 report by the same author totals 41. Additional species reported

in the state since 1925 total 17. The total Kansas species is 58. The species in New York state as recorded in the 1928 list totals 61.

CHALLENGE TO AGRONOMISTS

The present adjustment programs may be taken as an indication of the reorganization that must take place in the agriculture of the country. Never before have the people as a whole been so thoroughly aroused as to the condition of agriculture as they are at present. The popular idea that agriculture could keep on growing and expanding of its own momentum has been largely dispersed. It is now generally realized that the period of expansion is practically over and that millions of acres of land that have been used for the production of cultivated crops can no longer be

university. Brown was the fourth student who had recently gone from the college zoology department to Johns Hopkins as a fellow or an assistant. The other students were L. R. Cleveland, C. A. Herrick, and Ernest Hartman.

TWENTY YEARS AGO

The college boasted the only wireless squad in a cadet corps of a land grant college. Eleven cadets operated the college wireless outfit located in the upper rooms of Denison hall.

Emmett W. Skinner of Manhattan, left end on the Aggie football team, was elected captain for 1915. Guy S. Lowman was director of athletics and football coach. Among the 15 football letter men was H. H. Haymaker, Wichita.

In an assembly talk Prof. B. L.

Winnie L. Romick-Chandler, Lucy H. Waters, '94.

FIFTY YEARS AGO

An exchange item noted that the Fort Dodge military reservation was to be offered for sale. Three of the reservations already had disappeared—Fort Scott, Fort Larned, and Fort Harker.

Topics for debate by the literary societies were: that the protective tariff is more beneficial to the rich than to the poor; that every Union soldier bearing an honorable discharge should, on becoming 50 years of age, receive a pension, wounded or not; that the Indian Territory should be opened for settlement by the whites.

SUMMARY

Idella Purnell in Scribner's

The minute acerbities of her sweet humor
Had rasped him like a fine-thorned
teazle-brush.
Resentment grew upon him like a
tumor.
Instead of speech, he answered with a
hush.
But she, unheeding his malignant
growth,
Still chattered heedless as a sailor's
parrot.
Then he resolved he would no longer
bear it
And fled one day, for he was nothing
loth
After her pricking words, to choose a
mute
Young girl of graceful face and smiling
eyes.
He did not care love was a prostitute.
His weariness, he thought, had made
him wise.
But he discovered, being very human,
That he would tire at length of any
woman.

SUNFLOWERS

By H. W. D.

LAMENT

A day or so ago I heard a man of middle age lamenting the really lamentable fact that modern civilization—or whatever you feel like calling it—tends to segregate more and more the seven ages of man.

He meant that you seldom run across a home nowadays in which there are infants, children, young people, newlyweds and so on up living together or even coming together frequently under one domestic roof.

When I heard him, I decided I was being bored with just another human lament, but later I decided he had really said something.

A few minutes later I decided further that Shakespeare made an error in pointing out so vividly the seven ages.

I have for some time suspected that most of us are not living life entirely right. When the children enter school, for instance, we change things around too much and lose a lot of good contact with an age of life that's really sweet and enjoyable. When they grow up and go away to college we too often allow ourselves to get clear out of touch with another age of man, the most delightful years fate blessed us with.

When they come home engaged and graduated from school or college we and they are strangers, speaking different languages. And when they get married, they move—not a few blocks or a few miles away, as they used to do a mere half-century ago, but several hundreds of miles away, maybe.

Now these are not startling thoughts and they don't seem so very true—at first. But give them time.

It's a stubborn notion—the one I have in my head. It's very, very hard to get down on paper. But you see what I mean. The opportunity to be forty to fifty years old and forget about being five to ten, or twenty to thirty, or sixty to seventy because you don't know anything about it except what you read in the funny papers is greater today than it ever has been before.

But unlike most of today's problems, this one can be done something about. If you find yourself slipping and all out of patience with youth, scheme around to get youth in your home either all the time, or now and then. Youth will be glad to come as soon as it finds you are not cross and despairing all the time. Do the same thing with old age. Keep yourself surrounded all the time by all of life.

If you'll think a while, you'll see what I mean. Maybe it will help.

Radio Helps Urban See Farmer

Morse Salisbury, in the Annals of the American Academy
of Political and Social Science

My judgment is that the influence of radio upon farmers as members of society has been strongest at the points where radio broadcasting has brought them into mental contact with the economic activities of their fellow farmers in this country and throughout the world. Twelve years of market news broadcasting and seven years of broadcasting of regular economic analysis of present markets and future prospects preceded the agricultural adjustment program of 1933-1934. In all this broadcasting the fact was time and again borne in upon the producer that he lived in an age when his income was affected by what his neighbor planted and reaped, and what the man in the Antipodes sowed and harvested. American farmers had to understand that, before they could put themselves in a frame of mind to work together in adjusting production, farm by farm.

This broadcasting, since it reaches city homes as well as farm homes—in fact more city homes than farm homes—has had another important effect. For the first time in history it has given city people some comprehension of the economic problems of the farmer, and some understanding of the fact that permanent city prosperity cannot be founded on farm poverty. Crosley, Inc., surveys made in the summer of 1934 indicated that the Farm and Home hour was the most popular daytime sustaining radio program. The Crosley surveys are made in cities only. Their 1934 reports mean that during the period when the problems of agricultural adjustment were undergoing the most thorough discussion in this radio program, the city audience was listening in large numbers. Evidence that they learned was contained in hundreds of letters commenting that they were glad to know about the reasons for the agricultural adjustment program.

used economically for this purpose. Something must and will be done with this land to restore its productivity so it will become available later for crop production—if and when it is needed—or it will be seeded to pasture crops or planted to trees. In the final analysis, the best use that can be made of it will be determined by the crops and soils men of the country who are engaged in research work.—R. I. Throckmorton, before Society of Agronomists.

THE MECHANICS OF BEAUTY

It appears that someone at Hollywood has invented what is called a "beauty micrometer"—a sort of mask that fits over the head of the patient and, when it has been clamped in position with the aid of "325 adjusting screws," indicates which features need emphasizing and which toning down in order to achieve ideal beauty for the screen.

Among other advantages it should dispose of any baseless legends that film-struck candidates are liable to have a screw loose here and there; when 325 of them have been tightened up to a thousandth of an inch or so that suspicion should vanish forever.—Lucio in the Manchester Guardian Weekly.

IN OLDER DAYS

From the files of The Industrialist

TEN YEARS AGO

President William M. Jardine of the college was chosen secretary of agriculture by President Coolidge—the greatest political office ever to come to Kansas. Plans were being made on the campus for a farewell dinner in Nichols gymnasium, with an expected attendance of 1,000.

Harold Brown, graduate assistant in zoology, was appointed assistant in helminthology in Johns Hopkins

Remick of the mathematics faculty said nations were spending 96 per cent of their incomes on the war. He believed that the economic shock of the war would make a league for peace among leading nations most attractive. Professor Remick indicated what the war costs would do in the way of schools, textbooks, and libraries.

THIRTY YEARS AGO

The two student papers—the Herald and the Jayhawker—would not merge as their stockholders could not agree on a name for the "twin."

The senior class numbered 109—the largest in the history of the college. It was expected that at least a full hundred would "pull through the remaining half-year" to be the largest graduating class. The previous year there were 99 graduates.

FORTY YEARS AGO

J. A. Scheel, '94, was teaching at Bushong.

Forty students of the college attended the state oratorical contest at Topeka.

Stereopticon views in the chapel furnished entertainment at the college social. Graduates present: Nellie Sawyer-Kedzie, '76; G. H. Failer, '77; J. T. Willard, '83; F. A. Marlatt, J. E. Payne, '87; Bertha H. Bacheller, '88; Mary C. Lee, '89; Bertha Kimball, Harriet E. Knipe, S. C. Mason, '90; D. G. McDowell, Bertha Winchup, Effie J. Zimmerman, '91; Grace M. Clark, George L. Clothier, F. C. Sears, Ruth T. Stokes, '92; C. A. Kimball, Rose Edith McDowell, Nora Newell, G. W. Smith, '93; Clara Castle, Lorena E. Clemmons, Jephthah W. Evans, Isabella Russell Frisbie, Minnie L. Romick,

AMONG THE ALUMNI

John G. Haney, '99, is superintendent of the demonstration farms for the International Harvester company. The farms under his supervision are at Aberdeen, S. D.; Larimore, N. D.; Oak Lake, Manitoba, Canada; and Gull Lake, Saskatchewan, Canada. Mr. Haney lives at 2220 University avenue, Grand Forks, N. D.

Harvey C. Adams, '05, is living at 4318 First avenue, Chico, Calif. He has a ranch near there and raises rice.

C. M. Scott, '12, is chief engineer for the Stanolind Pipe Lines in Tulsa, Okla.

A. W. Aicher, '15, is county agent at Meade.

Mary E. Linton, '16, is teaching foods and home making in the Newton high school. Her address is 408 West Broadway street, Newton.

George Y. Blair, '19, lives at 4581 Bandini, Riverside, Calif. He is doing citrus fruit experimental work.

Christine (Cool) Anderson, '21, of Waukegan, Ill., called at the alumni office recently.

Oliver B. Reed, '22, is homestead rehabilitation adviser for Douglas county. His address is 928 Vermont, Lawrence.

William Vincent Lambert, M. S. '23, is an assistant professor of genetics at Iowa State college, Ames, Iowa.

Dr. F. P. Burke, '24, is with the United States bureau of animal industry in Spokane, Wash.

June Zirkle, '25, is teaching English in the Manhattan junior high school. She lives at 221 South Eighth, Manhattan.

Lucile Evans, '26, is teaching the first grade in Grand Island, Nebr.

Kenneth Allen Burge, '27, is head of the experimental laboratory at the Wood River refinery of the Shell Petroleum corporation. He lives at 601 South Ninth street, Wood River, Ill.

Carl Hartman, '28, and Dorothy (Wescott) Hartman, '28, are living at 421 Clay street, Topeka. Mr. Hartman is doing social case work there. He has been superintendent of a vocational school in the Philippines since 1929, and is now on leave.

O. E. Campbell, '28, is teaching vocational agriculture in the Ellis high school.

Helen Elizabeth (Cobb) Little, M. S. '29, is living at 425 Littleton street, West Lafayette, Ind.

Chester A. Garrison, '29, is an agent for the Aetna Life Insurance company of Hartford, Conn. He lives at 129 North Emporia street, Eldorado.

W. R. Denman, '30, is principal of the rural high school at Keats.

Emily Wilson, M. S. '30, is an instructor of home economics at Central State Teachers' college, Stevens Point, Wis. She lives at 718 Main street, Stevens Point.

Lawrence W. Kilbourne, '31, is switchman for the United Telephone company, Manhattan.

Laurane Scheetz, '31, is dietitian at the Ponca City hospital, Ponca City, Okla.

Clemont Parrish, '31, is supervisor of stations for Mering and Son, Great Bend. His address is 1901 Laking street, Great Bend.

Elizabeth Songster, '32, is teaching home economics at South Haven.

Charles W. Nauheim, '32, is homestead rehabilitation advisor at Dodge City.

Dr. Ralph Shaner, '33, lives at 331 West Eighty-fourth street, New York City.

Eugenia Ebling, '33, is teaching English and physical education at Eureka.

Lloyd Copenhafer, '33, is doing landscape work with the Kansas state highway department. He lives at 717 Van Buren street, Topeka.

Sue W. Irons, '33, is teaching home economics in Frostproof, Fla.

Ruth Parsons, '34, is teaching music and home economics in the Offerle schools.

Lee T. Morgan, '34, is coaching and teaching manual training at Gardner.

Gene Farrell, who completed work at the end of the last semester for his degree, left recently for Ogden,

Utah, where he has a position in the Sperry mills.

Mildred Schlickau, '34, is teaching home economics and general science at Delphos.

G. G. Noble, '34, visited the campus November 24. He is working on the water conservation program at Lyons.

Marcia Conrad, '34, is taking art work at the Chicago Art institute. Her address is 1001 North Dearborn street, Chicago.

Esther Walters, '34, is teaching home economics and mathematics at Garrison.

Evelyn Marie Braden, '34, is teaching home economics, American history, constitution, and physiology at Andover.

Erma Jean Miller, '34, is teaching physical education at the Clay County Community high school, Clay center.

MARRIAGES

HANSON—WELCH

Esther Hanson and Kenneth W. Welch, f. s. '31, Cimarron, were married January 12 at Dodge City. Mr. and Mrs. Welch are living in Cimarron.

BENSON—TALBOT

The marriage of Gladys Benson, '31, Clay Center, and Henry Talbot, f. s. '32, Manhattan, took place January 14 at the home of the bride. They are living in Manhattan. Mr. Talbot is in the trucking business.

PEASE—SHROEDER

Dorothy Pease, f. s. '31, and Melvin Shroeder, '34, were married January 5 in Kansas City, Mo. Mrs. Shroeder has worked for several years in Dr. J. T. Willard's office at the college. Mr. Shroeder is employed by the Kansas City stock yards exchange.

FULTON—ALEXANDER

Muriel Marietta Fulton, f. s. '33, and Robert J. Alexander, '33, were married December 23. Mr. and Mrs. Alexander live at 701 West Maple, Maplewood apartments, 302, Independence, Mo. Mr. Alexander is working in the United States engineers' offices in Kansas City, Mo.

McGUIRE—HARMISON

Hazel McGuire, '29, and Eugene Harmison, '31, were married January 5 in Lynn, Mass. Mrs. Harmison has been teaching music in the Kansas schools since her graduation. Mr. Harmison is supervisor in one of the departments of the West Lynn plant of the General Electric company.

TESTERMAN—WENTZ

The marriage of Gwendola Testerman, Lawrence, and Robert Wentz, '33, Wichita, took place January 20 at the home of the bride's parents. Mrs. Wentz has been a deputy in the office of the Douglas county register of deeds for the past three years. Mr. and Mrs. Wentz live in Wellington.

JONES—RHODES

The marriage of Jessinell Jones, Neodesha, and William Rhodes took place January 1 at the home of the bride's parents. Mr. Rhodes will receive a degree in civil engineering from the college in June. Mr. Rhodes is employed as assistant to W. L. McFillan, forestry engineer of civilian conservation corps camp number 241.

BURLEW—FRASER

The marriage of Mildred Burlew, f. s. '28, and J. Meffert Fraser, f. s. '19, took place January 5 in Junction City. Mrs. Fraser is teacher of the sixth grade at the Roosevelt school in Manhattan. For the past two years Mr. Fraser has been testing and developing gold properties in Alaska where he expects to return in the spring. Mr. and Mrs. Fraser are at home at 1447 Anderson, Manhattan.

BIRTHS

Abner LeRoy McGehee and Ida (Conrow) McGehee, '26, route 2, Manhattan, announce the birth of a son on January 28.

Prof. Randall C. Hill, '24, and Leona Esther (Thurrow) Hill, '23, 1902 Anderson, Manhattan, announce the birth of a son on January 27.

Prof. H. H. Haymaker and Florence (Dunn) Haymaker, 315 North Sixteenth street, Manhattan, are the parents of a son born February 15.

Stella May (Heywood) Swartz, '27, and Keith T. Swartz are the parents of a son, Austin Truex, born February 3. They live at 5640 South Sacramento, Chicago, Ill.

LOOKING AROUND

KENNEY L. FORD

The annual Farm and Home week alumni luncheon was held Friday noon, February 8, upstairs in Thompson hall. Approximately 60 were present. Mott Robinson, '23, of the Kansas State college extension division was toastmaster. Each one present introduced himself and short talks were made by M. F. Ahearn, M. S. '13, director of athletics; Ward Haylett, track coach, and Wesley Fry, head football coach.

The following registered:

Ray M. Hoss, '30, Potwin; L. L. Compton, '30, Eldorado; H. A. Praeger, '08, Claflin; Gertrude (Grizzell) Praeger, '08, Claflin; F. L. Timmons, '28, Manhattan; F. B. Morlan, '00, Courtland; H. C. Baird, '14, Manhattan; L. M. Knight, Manhattan; S. S. Hoar, '28, Great Bend; C. B. Glover, '17, Manhattan; Howard Jackson, Manhattan; H. T. Willis, '25, Topeka; M. F. Ahearn, M. S. '13, Manhattan; A. F. Swanson, '19, Hays; Earl L. Wier, '31, McPherson; T. F. Yost, '20, Winfield; D. Z. McCormick, '21, Council Grove; E. H. Teagarden, '20, Manhattan; George A. Pflinger, '24, Manhattan; E. H. Leker, M. S. '27, Manhattan; R. K. Nabours, Manhattan; R. O. Lewis, '29, Ellsworth; James W. Linn, '15, and Mary (Nixon) Linn, '14, Manhattan; L. L. Longsdorf, Manhattan; Alpha Latzke, '19, Manhattan; Katherine Hess, Manhattan; Carl C. Conger, '33, Lakin; Roy E. Gwin, '14, Leoti; A. D. Weber, '22, Manhattan; and C. C. Cunningham, '03, Eldorado.

Kansans living in and near New York City gathered January 29 at the Town Hall club, 123 West Forty-third street, for the annual dinner in celebration of Kansas day. The evening was begun by the singing of the Kansas song after which each college group sang its favorite song.

Following the dinner, the chairman, Emma Dot Partridge, opened the meeting by calling on the Kansas notables present to stand and take a bow. The toastmaster, Brock Pemberton, a producer of New York City, introduced the speakers with appropriate comments and stories. Philip Campbell, former congressman from Kansas, spoke on "Kansas." Then Mary Brooks Picken, president of the international fashion group, talked on "A Kansas Woman's Philosophy." She told how she became fitted for her work.

The next talk was by Frederick L. Wertz, an advertising man and a native of Nebraska. His subject was "Looking Down on Kansas." Between the speakers the group heard songs by Carl Preyer, a Kansas composer, and Mary McCoy, concert and radio singer from Great Bend. Dancing followed the short business meeting.

The following Kansas State college graduates and former students attended the celebration: Paul Chappell, f. s., and Kathryn (King) Chappell, '26, 9 Hunts Lane, Brooklyn, N. Y.; Gertrude Conroy, '21, Long Beach, Long Island, N. Y.; Carl W. Floyd, '28, 13 Norman road, Montclair, N. Y.; Forrest Gilmore, '16, Tulsa, Okla.; General James G. Harbord, '86, and Mrs. Harbord, 30 Rockefeller plaza, New York City; Mildred Halstead, '22, 135 Hamilton place, New York City; F. A. Hinshaw, '26, and Stella (Baker) Hinshaw, '31, 114-68 208th street, St. Albans, N. Y.; C. B. Hudson, '24, and Mrs. Hudson, New Jersey agricultural experiment station, Brunswick, N. J.; Ruth Kellogg, '10, 85 St. Andrews place, Yonkers, N. Y.; Ruth (Hoffman) Merner, '16, 211 West 106th street, New York City; L. B. Mickel, '10, and Lillian (Lowrance) Mickel, '10, 220 East Forty-second street, New York City; James F. Price, '27, and Zelda (Ellet) Price, 503 Grove street, Upper Montclair, N. J.; and Frank D. Ruppert, M. S. '25, and Reta (Rigney) Ruppert, 574 Ackerman avenue, Glen Rock, N. J.

GEORGE HENRY TO GIVE CELLO RECITAL SUNDAY

Will Play Number Composed for Him by Sowerby, also Schubert Concerto

George Henry of the college music department will play a composition written especially for him by Sowerby, one of America's foremost living composers, next Sunday afternoon, when he gives a cello recital in the college auditorium.

This composition, "The Cuckoo," is built on an old English air and is still in manuscript form. Sowerby is in his middle thirties, and is teaching in Chicago. He has more than fulfilled the promise of his youth which brought for him the coveted

Prix de Rome award of two years study abroad, given only to those who show unusual ability in composing. Most of Sowerby's work is now being done for the organ, though he composes also for piano and orchestra, and for chamber music combinations.

Mr. Henry will play another manuscript, "Piece for Cello," by Schneefuss, a young friend of his in Chicago. It is the one extremely modern number on his program.

Corelli's "Sonata in D Minor," which will open his program, is written by a seventeenth century composer on purely classic lines, in the old chamber music style. Schubert's "Concerto," written originally for the now obsolete instrument called the arpeggione, and transcribed by Casado for the cello, will be his second number. "As you would expect of Schubert it is graceful, with one beautiful melody after another," commented Mr. Henry. "This concerto was the only major work written for the arpeggione, which had its brief vogue in Schubert's day. The work is so lovely that it has survived transcribed for other instruments. Its original full orchestra accompaniment here has been reduced for piano alone."

Henry was graduated from the American Conservatory in Chicago in 1933 and the following year played in the Chicago Civic Symphony orchestra as well as doing other professional work. Delamarter, conductor of that orchestra, recommended him as an exceptionally talented cellist. "Mr. Henry is a very gifted young musician," emphatically declared William Lindquist, head of the music department here. "His ability as an interpreter of music on his chosen instrument, the violoncello, is so unusual that I predict for him a brilliant artistic career."

HELM APPRAISES OILS IN ART FEDERATION SHOWING

Says Most Are 'Ivory Tower' Canvases, Pleasing but Not Artists' Best Work

A critical yet sympathetic appraisal of the exhibition of oil paintings now hanging in the gallery of the architecture department was given by John F. Helm, Jr., in his lecture Monday night for the art and travel group of the A. A. U. W.

"A small cross-section of American painting without any artists of major importance," yet including canvases of merit, was his verdict as to this collection of 20 paintings, assembled by the Kansas State Federation of Art. He commented with surprise and some disappointment at the complete absence of works reflecting the peculiar qualities of the artist's immediate environment. "This is art of the ivory tower variety," he declared. "It calls forth no strong emotion from the spectator, embodies no great universal thought regarding man and his world, but it does present a picturesque unreality that is pleasant to contemplate and to live with."

Many of the artists he felt had sent some of their less excellent work, reluctant to "tie up" in such an exhibition their most valuable canvases. Margaret Sandzen's mountain scene, however, he praised, as showing the artist at her best, and pointed out her honest, clean-cut handling of her subject, her fine feeling for forms, the excellent opposition of movements in the succession of ranges. Though her father's influence is evident, Mr. Helm showed how her own personality had been added.

The portrait of a young girl by the Wichita artist, Glenn Golton, he also praised for its fine drawing, the "rather good modeling," the interesting color. In the contribution of Elizabeth Sprague, art teacher at Wichita university, he pointed out the beautiful handling of the petunias, their color and texture, the weaknesses in vase and foreground.

The rural scene by J. O. Norfeldt, in the foreground of which red pigs are rooting, which has aroused considerable controversy among local art lovers, Mr. Helm felt to be a satirical interpretation of "the American scene." He praised it for its fine stormy sky, the quality of its painting, its rich coloring, its handling of foreground, but admitted that he considered it over-dramatized, almost theatrical, with light on the houses over-emphasized and middle distance confusing.

The Schwartz painting of a city street, which has been severely criti-

RECENT HAPPENINGS ON THE HILL

Hazing was abolished at a recent election and meeting of the K fraternity. New officers elected were: Ralph Churchill, president; William Shearer, vice-president; and Don A. McNeal, secretary-treasurer.

Sixty-two seniors who have completed residence requirements have applied to Miss Jessie McDowell Machir for degrees which will be awarded at the seventy-second annual commencement May 29.

John Bekker, formerly of Russia and the Orient, a deserter from the Red army, and now a graduate student at the University of Kansas, was scheduled to talk about Russia at the Student Forum meeting at noon today in the college cafeteria.

Tibor Rosza, Hungarian student, spoke on "Student Life in Hungary," at the regular meeting of the Cosmopolitan club recently in the home of Dr. and Mrs. C. H. Whitnah. Nathan Shapiro, Manhattan, gave readings and Eleanor Weller, Abilene, played piano selections. Dr. and Mrs. Whitnah displayed some Burmese woodwork from their collection.

Maurice L. Du Mars, '33, formerly of the Manhattan Mercury staff, Saturday became assistant extension editor succeeding O. B. Dryden. George Hart, Phillipsburg, a sophomore journalist student, replaced Du Mars. Du Mars will write press material, edit bulletins, and assist L. L. Longsdorf, extension editor and radio program director. Dryden went to the University of Illinois at Urbana as assistant extension editor.

The Kansas State college men's rifle team won four of five telegraphic meets during the past few days, losing only to Utah State college. The Kansas State team made a score of 3,619 as compared to 3,571 for Michigan State; 3,601 for the University of Dayton; 3,378 for South Dakota State; 3,504 for Oklahoma A. and M., and 3,622 for Utah State college. W. F. Stewart and W. R. Farmer made the high score for the week. They were tied at 369.

cized by some on the campus, he defended for its composition but declared that it falls below that artist's usual standard, though it is typical in its unique color scheme.

He warmly praised the Roy Brown painting of an adobe house for its decorative beauty, its color scheme, its fine sky, the exquisite handling of shadows below the flat roof, the way in which the artist had suffused the much simplified scene with his own personality.

WRESTLERS WIN, LOSE IN BIG SIX, SHUT OUT BY TEACHERS

Defeat Nebraska 26 to 6, Lose to Iowa State 15½ to 10½

Following a victory over Nebraska 26 to 6, and a defeat by Iowa State 15½ to 10½ the previous week, Kansas State college wrestling team suffered a complete shut-out by Central Teachers of Oklahoma Thursday night. The score was 26 to 0.

Dean Swift, 175 pound man for the Aggies, although defeated, turned in the best performance of his career. The time advantage was 4:25.

Villa Real, 135, obtained the Oklahoma team's only fall by a bar arm and half nelson in 6:12.

Kansas State grapplers who won at Nebraska were: Forest Fansher, Hutchinson; Bill Walters, Manhattan; Ernest Jessup, Wichita; Gene Howe, Stockdale; Dean Swift, Olathe, and Rolla Holland, Iola.

Winners at Iowa State were: Jessup, Howe, and Claude Young, Utica, while Forest Fansher tied for his match.

Boxers Defeat Missouri

Kansas State college's boxing team, defeated 5 to 2 recently by St. Benedict's college, Atchison, last week came back strong to defeat the University of Missouri 5 of 8 matches. Individual winners against St. Benedict's were: Bill Hemphill, Chanute, and John Crawley, Elkhart. In the Missouri contest C. G. Garrison, Goodland; W. J. Sherar, Latham; R. M. Madison, Slayton, Minn.; and John Crawley were the winners.

WILDCATS SPLIT WITH O. U., AGAIN IN FOURTH PLACE

CAPTAIN STONER AND FRANK GROVES SHARE HONORS IN SERIES

Kansas State Triumphs 31 to 18 Saturday after Losing First Game 22 to 24 in Final Minutes the Previous Night

Kansas State's Wildcats went into a tie for fourth place in the Big Six basketball race with a 31 to 18 triumph in Manhattan Saturday night over the University of Oklahoma. The Wildcats lost, 22 to 24, in the first of the 2-game series Friday night.

The defeat practically eliminated the Sooners as a contender for the conference title. Held to five field goals as Kansas State controlled the ball most of the time, Oklahoma remained in third place while the Wildcats joined Missouri at the head of the second division.

The Sooners were able to make only a pair of free throws in the first 14 minutes while Kansas State ran up a 9 to 2 lead. However, Oklahoma tied the score at 9. A free throw by Gilpin and a goal by Frank Groves, who was the scoring leader with 12 points, sent Coach Root's Wildcats ahead 12 to 9 at the half.

STONER SHARES LIMELIGHT

Early in the second half, Kansas State ran its margin to 20 to 9, after which the Sooners almost duplicated their efforts of the first half but were unable to overtake the winners. Groves controlled the tip and Kansas State handled the ball cautiously.

Groves shared the limelight with Captain Oren Stoner, guard, who collected four field goals and was outstanding on defense.

The previous night after holding a lead over Oklahoma through most of the second half Kansas State saw its advantage slip away on two quick flips by Edgar Warren, Sooner forward, in the last two minutes and the Sooners won, 24 to 22.

WARREN SAVES SOONERS

Nelson, Sooner center, had given his team a 20 to 19 lead with six minutes to play, but Paul Gilpin's 1-handed flip placed Kansas State ahead again, and with three minutes left Lee Railsback, Wildcat guard, made it 22 to 20 on a foul which saw Browning, Oklahoma captain, leave the game.

Oklahoma's cause looked hopeless but after a minute of milling Warren, who had been benched early, was sent back in. He tied the score with a shot almost behind the goal and duplicated it a few seconds later. Kansas State still had time to bat several desperate shots toward the basket, but none connected.

The Wildcats held a 13 to 10 advantage at the half.

Oklahoma—24

	G	FT	F
Warren, f	4	0	1
Tyler, f	0	0	0
Connelly, f	3	0	0
Nelson, c	4	0	1
Hays, g	1	0	0
Browning (c), g	0	0	4
Otte, g	0	0	0
Totals	12	0	6

Kansas State—22

	G	FT	F
Freeland, f	1	1	0
Gilpin, f	2	1	0
Graves, c	5	0	3
Stoner (c), g	1	0	0
Railsback, g	0	2	0
Totals	9	4	3

Officials—E. C. Quigley and Parke Carroll.

Kansas State—31

	G	FT	F
Gilpin, f	1	3	1
Thornbrough, f	0	0	0
Freeland, f	1	1	0
Grove, c	6	0	3
Stoner, g (c)	4	0	3
Railsback, g	1	1	2
Mills, g	0	0	0
Totals	13	5	9

Oklahoma—18

	G	FT	F
Connelly, f	0	0	0
Warren, f	0	0	0
Tone, f-c	2	1	2
Nelson, c	1	0	1
Hays, g	0	1	0
Remy, g	0	1	0
Coleman, g	0	0	0
Browning, g	1	5	1
Tyler, g	1	0	3
Cobb, g	0	0	0
Totals	5	8	7

Officials—E. C. Quigley and Parke Carroll.

Tripp a Field Supervisor

O. W. Tripp, '23, was a visitor in the civil engineering office recently. He is employed by the Wilson Engineering company of Salina, Kan., as supervisor of field work. The company is building several lakes for the state fish and game commission.

Big Six Standings

	W.	L.	Pct.	TP.	OP.
Kansas	8	2	.800	353	261
Iowa State	6	2	.750	261	229
Oklahoma	7	5	.583	385	399
Kansas State	4	8	.333	352	410
Missouri	4	8	.333	346	376
Nebraska	2	6	.250	234	259

GAMES THIS WEEK

Friday—Kansas vs. Kansas State at Manhattan; Missouri vs. Oklahoma at Norman. Saturday—Nebraska vs. Iowa State at Ames; Kansas vs. Kansas State at Manhattan; Missouri vs. Oklahoma at Norman.

RESULTS MONDAY NIGHT

Iowa State 32, Kansas 20. Nebraska 32, Oklahoma 24.

RESULTS LAST WEEK

Iowa State 50, Oklahoma 44 (overtime). Kansas 32-32, Nebraska 2-24. Oklahoma 24-18, Kansas State 22-31. Drake 45, Iowa State 42.

Basketball Schedule

*Dec. 14—Kansas State 39, Kansas U. 35.	*Dec. 18—Kansas State, 26, Kansas U. 40.
Jan. 4—Kansas State 32, Oklahoma U. 38.	Jan. 5—Kansas State 34, Oklahoma U. 47.
*Jan. 7—Kansas State 27, Oklahoma City U. 36.	*Jan. 8—Kansas State 34, Wichita U. 50.
Jan. 11—Kansas State 14, Kansas U. 40.	Jan. 14—Kansas State 25, Iowa State 29.
Jan. 21—Kansas State 47, Nebraska 41.	Jan. 26—Kansas State 37, K. U. 43.
Feb. 1—Kansas State 27, Missouri 20.	Feb. 2—Kansas State 32, Missouri 29.
Feb. 8—Kansas State, 31, Missouri 44.	Feb. 9—Kansas State 20, Missouri 34.
Feb. 15—Kansas State 22, Oklahoma 24.	Feb. 16—Kansas State 31, Oklahoma 18.
Feb. 22-23—Kansas U. at Manhattan.	Mar. 4—Iowa State at Ames.
Mar. 2—Nebraska U. at Lincoln.	

*Indicates non-conference.

HILL SPEAKS FOR AMERICAN ENTRY INTO WORLD COURT

Says R. O. T. C. Controversy Irrelevant to Cause of Peace, Attack on Munitioners Important

That American adherence to the World Court would further the cause of peace was the opinion expressed by Dr. Howard T. Hill, head of the department of public speaking, in his noon forum talk in Thompson hall February 13. He also emphatically expressed his opinion that the R. O. T. C. controversy is irrelevant to the issue. "Whether R. O. T. C. were made compulsory in every American college or were abolished from all of them, the effect on our getting into war would be negligible," he said. "R. O. T. C. men fight wars; they don't make them!"

"There's a lot of applesauce on both sides of the R. O. T. C. issue," he continued. "Washburn and Ahearn can give men a lot better physical training than the R. O. T. C. officers can. On the other hand, because a man wears a uniform, that is no sign he wants to kill someone. The army men don't want wars; they have to fight in them."

He discussed the senatorial investigation of the munitions industry as being a step in the right direction, the international armament industry is the logical place to attack to prevent further wars.

He told of the first peace conference in Geneva in 1899, and the unanimous skepticism concerning war prevention then; the building of the Hague Peace palace with Carnegie money in 1907; the history of peace efforts since that time. "Peace through resolutions," he declared not useless, for "any sincere, intelligent effort to educate the people toward the abolition of war has some value."

SWIMMERS DEFEAT KANSAS, WASHBURN, SET NEW RECORD

Captain Joe Creed and Bob Blanche Break Pool Marks

Three pool records, two by Kansas State men, were shattered in a swimming meet with the University of Kansas last week when the Wildcats won six of nine events to take their first conference meet in history 48-35. Captain Joe Creed and Bob Blanche of Kansas State set new pool records in the 60-yard free style with a time of 32:4, and the 200-yard breast stroke, the time was 2:54.7. Harlan Jennings, Kansas, made a new record in the 150-yard back stroke. His time was 2:00.8.

The Kansas State tankmen won their first dual meet in history by defeating Washburn at Topeka 46-37 the previous week. Against Washburn a new pool record for the 200-yard breast stroke was set by Robert Blanche, Kansas State. His time was 2:50.3.

C. S. Moll is coach of the swimming team.

A return meet with Washburn at Manhattan was scheduled for last night.

WIN TRACK DUAL FROM HUSKERS, M. U. NEXT FOE

WILDCATS, PACED BY KNAPPENBERGER, WIN 54½ TO 49½

Kansas State Wins First Victory Ever Scored over Nebraska Indoors—Preparing Now To Meet the Tigers

After giving Nebraska's track team its first defeat indoors at home since the Husker stadium was built, the Kansas State college track team this week is busy getting ready for its third meet of the season with Missouri in Brewer field house Saturday.

Kansas State's 54½ to 49½ victory over Nebraska Saturday was the first the Wildcats ever have scored over the Huskers indoors. The previous week, Coach Ward Haylett's team defeated the University of Kansas indoors for the first time in about 15 years, and the second time in history.

FINAL EVENT DECIDES IT

Victory in the final event on the program, the mile relay, gave the Wildcats their 54½ to 49½ victory over Nebraska in a Big Six conference dual meet Saturday.

Superiority in the middle and long distance runs plus Knappenberger's double in the hurdles and his second place in the 60-yard dash were major factors in the victory.

One track mark fell, O'Reilly of Kansas State turning in a 4:27 performance in the mile run to better the old record held by Landon of Kansas State by two seconds.

KNAPPENBERGER LEADS SCORING

With five firsts and a second in two meets, Captain Joe Knappenberger is leading the Kansas State scoring.

Against Missouri here Saturday the Kansas State jumpers will compete with Dick Waters of St. Louis who leaped 23 feet, 10 and three-fourths inches to clinch a victory 59 to 45, for Missouri in a conference meet with Iowa State Saturday night. Waters, a sophomore, not only bettered the conference indoor record but he likewise exceeded the Missouri record of 23 feet, 6 inches.

Summary of the Kansas State-Nebraska meet:

60-yard high hurdles—Won by Knappenberger, K. S.; second, Haight, N.; third, Cardwell, N. Time, :07.8.

440-yard dash—Won by Nixon, K. S.; second, Pankonin, N.; third, Sweat, K. S. Time, 5:32.

2-mile—Won by Wheelock, K. S.; second, Robinson, K. S.; third, McCole, K. S. Time 10:08.8.

Mile—Won by O'Reilly, K. S.; second, Funk, N.; third, Redfield, K. S. Time, 4:27.

60-yard dash—Won by Jackobsen, N.; second, Knappenberger, K. S.; third, Chapman, N. Time, :06.3.

880-yard run—Won by O'Reilly, K. S.; second, Dill, K. S.; third, Roberts, N. Time 2:01.3.

60-yard low hurdles—Won by Knappenberger, K. S.; second, Chapman, N.; third, Cardwell, N. Time, :07.1.

Mile relay—Won by Kansas State (Sweat, Hall, Peters, Nixon); second, Nebraska (McGarraugh, Beatty, Ralls, Pankonin). Time, 3:34.8.

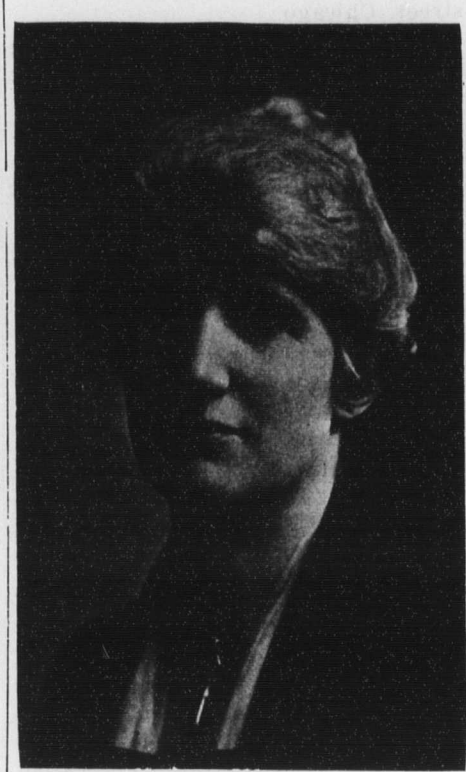
Shot put—Won by Rist, N., 46 feet, 4 inches; second, Toman, N., 40 feet, 4 inches; third, Hays, K. S., 40 feet, ½ inch.

Pole vault—Won by Nichols, N., 12 feet, 6 inches; Cosgrove, N., and Ayers, K. S., tied for second and third, 12 feet, 3 inches.

High jump—Four-way tie between Roehman, K. S.; Harris, K. S.; Toman, N., and McGarraugh, N. Height, 5 feet, 9½ inches.

Broad jump—Won by Warneke, N., 22 feet, 3 inches; Cardwell, N., and Toman, N., tied for second and third, 22 feet, 2 inches.

Twenty-Six Years Service



Mrs. Mary Pierce Van Zile, who for 26 years has been dean of women, is to be recognized for her service by the National Association of Deans of Women at Atlantic City, N. J., tonight.

ARABIAN NIGHT'S PLAY TO BE GIVEN BY A. A. U. W.

Children's Theater Group To Present Melodrama Directed by Mrs. Blanche Forrester

A gorgeously robed caliph and a sultan, a princess, slaves with scimitars—all the characters of an Arabian Night's melodrama—will unfold their tale upon the Wareham theater stage the morning of March 16 and the evening of March 18. A vivid and poetic dramatization of the story of Aladdin has been chosen for this first presentation of the children's theater group of A. A. U. W. The Saturday morning performance is for children, the Monday evening one for adults.

Mrs. Blanche Forrester is director; Mrs. I. W. Parrott, graduate student, has the role of Aladdin; Mrs. Robert Conover, that of the crafty magician; Mrs. F. C. Fenton, Aladdin's excitable mother. Mrs. Parrott was active in dramatic circles in the University of Kansas in her undergraduate days. Other faculty women, faculty wives, graduate students, townswomen, and children have other roles.

Ten per cent of the money raised by the play will go to the city library to buy children's books, especially children's books of plays.

PROGRESS OF KANSAS PRESS F. E. C.

J. A. McFarland, Jr., and W. E. Rynerson have sold the Baldwin Ledger to F. C. Leitnaker.

Joseph W. Hall, Jr., is the new city editor of the Anderson Countian at Garnett. He is a graduate of Missouri.

A. Q. Miller, Jr., f. s., of the Belleville Telescope, gives his subscribers an attractive paper, containing an abundance of local news.

Gomer T. Davies of the Concordia Kansas has developed quite a habit for anniversaries, among which have been a golden wedding anniversary, the anniversary of his 50 years in journalism, and most recently the anniversary of his eightieth birthday.

Walter Hutchinson, veteran Arkansas City columnist and reporter, retired February 10, after 30 years of service. He was honored at a dinner that night given by Oscar S. Stauffer, editor of the Arkansas City Traveler and president of the Kansas Associated Press.

The Greensburg News runs a farm bureau column edited by Glen B. Railsback, county agent for Kiowa county. In this column can be found special news about farm bureau work

and other items of interest to farmers of the locality. O. A. Nations is the News editor.

The Cawker City Ledger, published by L. C. Krenkel, is introducing a new school feature. A Ledger representative visits schools in the territory, interviews teachers and pupils, takes a picture, and obtains information about the district. The picture with a short write-up then appears in the Ledger.

The Burlington Republican, chosen as one of the three daily papers rendering the most community service in 1934 by the National Editorial association, will be among the papers feted at the NEA golden jubilee convention in New Orleans May 5 to 12. John Redmond is editor of the Republican. Bill Batdorf, '25, is city editor.

Maurice L. DuMars, '33, has resigned from the Manhattan Mercury staff to accept a position as assistant extension editor at Kansas State college, succeeding O. B. Dryden, f. s., who will go to Illinois to fill a similar position. George Hart, Phillipsburg, sophomore in industrial journalism at Kansas State, has taken DuMars' position on the Mercury staff.

DEAN VAN ZILE HONORED FOR 26 YEARS SERVICE

MEDAL WILL BE PRESENTED BY NATIONAL ASSOCIATION

Dean of Women at Kansas State College Since 1908 Has Had Important Part in Representing Interests of Thousands

Twenty-six years of service as dean of women at Kansas State college will be rewarded tonight when Mrs. Mary Pierce Van Zile will be given a medal of honor by the National Association of Deans of Women. The association will be in session at Atlantic City, N. J., where Dean Van Zile will be present. Dean Agnes Husband of the University of Kansas will present the medal voted by the national organization.

Mrs. Van Zile has been dean of women at Kansas State college since July 30, 1908. A few years earlier she had been left with two small sons by the death of her husband. She left the sons in her mother's care and entered Iowa State college, earning a teacher's diploma there in 1904. After four years of teaching in Illinois she came to Manhattan and later obtained a B. S. degree from Kansas State.

ONCE HEAD OF HOME ECONOMICS

In the early years Mrs. Van Zile had charge of approximately 550 young women. She was not only dean of women but served also as professor of domestic science. In 1912, when the college was reorganized into five divisions, she became dean of the new division of home economics. After seven years in the dual role of dean of women and head of the division of home economics she asked to be relieved of the home economics work so as to devote full time to the duties of dean of women. At the peak of enrolment she had under her supervision as many as 1,400 women students.

Dean Van Zile is not primarily a disciplinarian. She represents all women's interests at the college. She supervises housing arrangements for the co-eds, whether they live in Van Zile hall, woman's dormitory which bears her name, in sorority houses, or private homes. She is a sort of women's ambassador, representing, officially, women's interests in conferences with the president, other college executives, the council of deans, with those who plan curricula, and with the board of regents.

SOCIAL DEMANDS ARE GREAT

She assembles and keeps records of individual and group achievements of the college women. In her office there is an envelope for each girl in the college, wherein are newspaper clippings and notes concerning the girl's special interests and achievements.

Co-eds marvel at the way she remembers their names when she meets them after a single brief chat with them or merely an introduction. She cooperates with student organizations and town groups, works out part-time employment plans, and supervises working conditions.

Social demands upon her time are inevitably great. "It would be hard to guess the number of bricks of ice cream I have served, the gallons of tea I have poured, the receiving lines I have stood in," she smilingly admitted.

Dean Van Zile has been president of various state and city organizations: the Kansas Association of Deans of Women, the K. S. T. A., the Kansas Council of Women, the Manhattan branch of A. A. U. W., and of P. E. O. She is secretary of the board of trustees of Cottey college, P. E. O.'s college in Nevada, Mo. Moreover, she's a member of the Kansas Federation of Women's clubs, Phi Kappa Phi, Omicron Nu, and the Presbyterian church.

DR. HAROLD CASE TO TALK ON CITIZENSHIP THURSDAY

Student Assembly To Be Omitted Next Week

Dr. Harold Case, pastor of the Topeka First Methodist church, will talk on "Fit Citizens for a Big World" in student assembly tomorrow at 11 o'clock. Doctor Case has been heard at many state meetings during the last few years and is considered one of the most able of the young ministers of the middle west, according to Prof. H. W. Davis, who is chairman of the committee on public exercises.

THE KANSAS INDUSTRIALIST

Volume 61

Kansas State College of Agriculture and Applied Science, Manhattan, Wednesday, February 27, 1935

Number 20

ANNUAL HOME ECONOMICS MEETING HERE IN MARCH

DOCTOR ROCKWOOD TO SPEAK ON CHILD DEVELOPMENT

Speakers Include League of Women Voters President, Federated Women's Clubs Head, Dietitians, Housing and Rural Rehabilitation Experts

Kansas State college is to be host to home economics women of the state Friday and Saturday, March 15 and 16, for the eleventh annual meeting of the Kansas State Home Economics association.

Dr. Lemo T. Dennis Rockwood, of Washington, D. C., field worker in child development and parent education for the American Home Economics association, will be one of the featured speakers. Dr. Frances Zuill, head of the department of home economics at the University of Iowa, authority on consumer education, will be another. She will address student assembly on Friday on "The Government and the Consumer."

HIGH SCHOOL CLUBS GUESTS

Student club day is scheduled for Saturday, March 16, when high school home economics clubs will be guests; special programs and a luncheon are being planned for them.

Kansas State women members of the council responsible for various parts of the session are: Dean Margaret M. Justin, Assistant Dean Margaret Ahlborn, Misses Amy Kelly, Alpha Lutzke, Myrtle Gusselman, and LeVelle Wood, Mrs. Lucille Rust, and Katherine Hess.

Mrs. George Beal, president of the Kansas League of Women Voters, will address the convention Friday afternoon following Doctor Rockwood's lecture on "Education for Social and Family Life." Mrs. L. C. Cutler, legislative chairman for the Kansas Federation of Women's Clubs, also will speak on current legislative problems.

MANY VISITING SPEAKERS

The sections devoted to dietetics and institutional economics will convene at 11 o'clock Friday morning, March 15, and continue until 4 o'clock, with lunch at Van Zile hall. The college cooperative plans in the cafeteria and in Van Zile hall will be shown in operation. Miss Dryden Quist, Mrs. Bessie Brooks West, Dr. Margaret Justin, and Miss LeVelle Wood are Kansas State people who will speak in this section.

Off-campus speakers will be Miss Annie Marriott, Pittsburg; Miss Carlotta Nellis, Christ's hospital, Topeka; Miss Margaret Haggart, Ft. Hays; Miss Ella Jane Meiller, Halstead hospital; Miss Elizabeth Sprague, University of Kansas; Miss Bernice Keim, Bell Memorial hospital.

Miss Conie Foote, of the Kansas emergency relief committee, will speak Saturday morning on rural rehabilitation; Prof. Henry Wichers, architect at Kansas State college, on housing problems.

GOVERNOR LONDON SIGNS BILL MAKING R. O. T. C. COMPULSORY

Previously Required Only by Regents—Now a State Law

Governor Alf M. Land recently signed the Skovgard-McDonald bill making R. O. T. C. training compulsory for all freshmen and sophomore men students at Kansas State. The law will become effective next spring with the publication of the session laws.

This bill, one of the most important introduced in the legislature this year, originated in the senate, passed there 21 to 16, and was sent on to the house where it was passed 71 to 46.

EXPERTS SAY QUIVIRA NOT READY FOR DISTRIBUTION

Station Workers and Chemists Decide Research Should Be Continued

Quivira, a new type of wheat developed at the Kansas experiment station by Prof. John H. Parker of the division of agriculture, is not yet

ready for distribution, a conference of the Kansas City section of the American Association of Cereal Chemists concluded at their meeting in Kansas City Saturday. The meeting was attended by experiment station workers and milling chemists.

The quality of the new wheat from the standpoint of the miller and the baker was discussed. It was agreed that research work with the variety should be continued, according to Prof. R. I. Throckmorton, head of the agronomy department.

Quivira is an early-ripening type of hard winter wheat produced by the crossing of Prelude, a spring wheat of the north, with Kanred, the famous hard winter wheat of the southwest. The name Quivira is reminiscent of Coronado's quest of the plains.

'HEGARI IS NOT EQUAL TO ATLAS,' H. H. LAUDE WARNS

Experiment Station Finds It Will Take Twice as Many Acres for Silage and Fodder

Because an effort is being made to sell Hegari seed as a good substitute for Atlas sorgo, Prof. H. H. Laude of the Kansas agricultural experiment station today issued the following statement:

"Hegari seed is being offered for sale in Kansas to take the place of Atlas sorgo. The Kansas experiment station, in numerous tests made since 1915, has found that these crops are not alike and that Hegari will not take the place of Atlas in the production of silage and fodder. It will ordinarily take twice as many acres of Hegari as of Atlas to fill a silo or produce the required amount of bundle feed.

"In experiments at Manhattan for seven years Hegari yielded 8.5 tons of silage per acre. In the same tests the silage yield of Sumac sorgo was 17.1 tons and of Kansas Orange 17.3 tons per acre. Experiments for eight years have shown that Atlas and Kansas Orange yield nearly the same amount of silage.

"Hegari resembles kafir more nearly than Atlas in yield of forage, as shown by experiments in which Blackhull kafir made 10.4 tons of silage and Pink kafir 9.4 tons, compared to 8.5 tons for Hegari.

"Hegari is very irregular in its production. It has the capacity to make high yields under irrigation and when conditions are favorable, but makes relatively low yields in less favorable seasons.

"Hegari seed in some cases is being offered under the name of Atlas sorgo or Blackhull kafir. In general appearance seed of Hegari is similar to these varieties, but it differs from them in being a softer seed and having a red-brown subcoat which can be seen by scratching the surface of the seed.

"Hegari seed should be bought for what it is and not with the expectation that it is equal to Atlas."

OLDER RURAL YOUTH TO BE ON CAMPUS MARCH 29 TO 31

Former 4-H Club Members To Be Guests of Collegiate Group

A conference for older rural youth of Kansas will be held on the campus here March 29, 30, and 31. The meeting will be sponsored by the Collegiate 4-H club, a college organization of former club members.

Farm problems, vocational adjustment, and social affairs will be discussed freely by those who attend the conference, according to Howard Moreen, Saline county, general chairman of arrangements. Those who attend are expected to be representatives of the 25 or 30 county organizations known generally as the "older boys and girls clubs." Membership is made up of young men and women who are beyond the age limit for participation in 4-H work.

President F. D. Farrell will welcome the delegates on Friday evening, March 29.

One acre of corn or sorghum in a silo is worth two acres in the shock.

MEAT DEALERS INVITED FOR FIRST SHORT COURSE

BETTER INFORMED RETAILERS IS OBJECT OF NEW SESSION

Charts, Lectures, Demonstrations, and Valuable Literature Made Possible Through College and Co-operating Agencies

A better informed group of meat dealers in the state is the object of the first annual short course for meat retailers, to be held at Kansas State college Tuesday and Wednesday, March 5 and 6.

Many times a small change in the method of cutting a carcass or pricing the resulting cuts will mean the difference between profit and loss on the entire transaction. This school offers an unusual opportunity to meat retailers to study methods of cutting beef, pork, and lamb.

COURSE IS FREE

Every Kansas retailer is invited. All sessions of the short course and convention are free. A supply of meat literature will be given to every dealer attending. Charts showing wholesale and retail cuts, a booklet of helpful information on figuring cutting percentages and pricing retail cuts, modern merchandising manuals on beef, pork and lamb, and publications on how to cook meat and how to increase consumption of meat are included in the free literature.

Registration will begin at 9 o'clock Tuesday, March 5. The program will open with a demonstration of a new method of figuring percentages by use of computing scales.

"How to make a profit on all cuts of meat" is one of the most vital problems confronting the retailer. Every dealer will profit from the easy to understand discussion on this subject.

REQUEST PRACTICAL IDEAS

The Tuesday afternoon program will include information on the food value of meat and making slow moving cuts attractive. Those present will be asked to contribute practical ideas developed on making less-demanded cuts more salable.

Recent developments in meat research and a forecast on meat prices will be in the Tuesday night session.

Unusual meat cuts for special occasions, information about lard, meeting the modern demand for smaller cuts of meat, discussion on window and counter displays, what the college is doing for the retail meat dealer, and trading ideas on meat merchandising are included on the Wednesday program.

LANGFORD'S RESEARCH UPSETS ASSUMPTIONS

Says There Is No Relation Between Judgment of Balance and Undirected Behavior of the Eye

Contrary to an assumption of long standing, research reveals that there is no relation between the judgment of the balance of a picture and the undirected behavior of the eye in surveying the picture, R. C. Langford of the education department declared in a talk Monday night before the Science club. Mr. Langford's statement was based on conclusions from his research problem carried out at Stanford university.

The first major objective of Langford's research was to obtain the judgment of the balance of 51 photographic reproductions of paintings and prints by 40 persons. No reliable differences appear between means of the judgments of pictures within a group.

Illustrations and slides were used to show the method of corneal reflection used for making simultaneous records of movements of the eyes in looking at nine critical pictures. The subjects had not previously seen the pictures and were asked to look at each picture as they would "if it were on the wall of a living room."

Blueprint reproductions of the nine pictures were used for indicating the position and sequence of fixations. A composite of the fixations was prepared. No characteristic pat-

terns are evident. Lines connecting the fixation points criss-cross the pictures in an irregular manner, with no reference to objects of interest or to detail. The record of fixations was obtained for each individual by photographing the reflection of a beam of light from the eye.

The investigation, Langford declared, revealed no relation between the judgment of the balance of a picture and the duration, position, number, or pattern of fixations of the eye on either side of the central vertical axis during free observation of the picture.

The speaker pointed out that it has long been assumed that pleasure in looking at curved lines comes in the movement of the eye along a curved line. Research reveals, however, that the eye travels jerkily from one fixation to another. Likewise in pictorial composition the eye does not follow over the picture smoothly but jumps from one fixation point to another.

CONTRALTO, STRING TRIO RECITAL TO BE SUNDAY

Miss Grossmann, College Trio, to Present Music by Germans, Exiled Russians

Dutch, German, Russian, and English music will share in next Sunday afternoon's recital in the college auditorium. The program will be given by Hilda Grossmann and the college trio: Richard Jesson, pianist; Max Martin, violinist; and George Henry, cellist.

Since this year is the 250th anniversary of the birth of both Handel and Bach, Miss Grossmann will open with a selection from each. Her second group of four numbers will be German songs by contemporary composers. The last, in English, will include a sea song by Barnett, Rachmaninoff's "In the Silence of Night," a lyrical bit by Watts, and "Cossack Love Song," by Kountz.

The trio's contribution will be Hayden's "Trio in C Major"—classical, ending with a presto movement in jolly peasant dance style; the first two movements of opus 34 by Tchernepine, one of the young Russian expatriates now living in Paris, and the last movement of "Trio" opus 38 by Gretchaninow, another Russian exile, but one of Rachmaninoff's period.

"The Tchernepine number has Oriental rhythms and cross rhythms which the audience will find interesting for barbaric effects," commented Mr. Jesson. "It is modern but not ultra-modern. Gretchaninow, composer of our last number, toured the United States last year, giving piano recitals, though he is much better as a composer and conductor."

Miss Grossmann was in the Eastman School of Music, Rochester, N. Y., last year, studying voice. She came to the college in 1927, two years after having received her bachelor of music degree from the Chicago Musical college.

RUSSIAN ARMY DESERTER RELATES HIS ADVENTURES

Son of Well-to-do Peasant Leaves U. S. S. R.

A deserter from the Communist army, smuggled into China, John Bekker told in Thompson hall in noon forum February 20 of his experiences in Russia. Mr. Bekker is now a student in the University of Kansas.

With a strong foreign accent he told of his kulak (well-to-do peasant) home in South Russia near the Black sea—"country much like Kansas," of his adventures in escaping into China, then to Japan, of his arrival in San Francisco in 1930.

Bad social conditions, misgovernment, and religious oppression he gave as the causes of the revolution in Russia. "Russia had too much religion but no Christ," he said, "and a barren ritual could never satisfy the poor moujik." He spoke admiringly of the Communist goal but not of the means adopted for arriving at that goal.

'PREVENT MUNITIONEERS CAPITALIZING ON DEATH'

TOPEKA PASTOR SPEAKS ON 'FIT CITIZENS FOR A BIG WORLD'

Doctor Case Shows United States Can Never Extricate Itself From World Economic Problems

The necessity for facing the implications of machine civilization, making it impossible for munitions manufacturers to accumulate millions of dollars while fellow men go to their deaths by the thousands, was stressed by Dr. Harold C. Case, who spoke in chapel Thursday morning. Doctor Case is pastor of the First Methodist Episcopal church in Topeka. His subject was "Fit Citizens for a Big World."

The speaker pointed out three forces which have brought change in recent years: the World war, the application of power to production, and the coming of scientific attitudes and methods.

PROTECTED PRIVATE INVESTMENT

"The World war," he said, "blew out of existence half of all that we possessed. It involved us in the financial affairs of the rest of the world. We loaned to Germany more than the total value of all reparations payments that have been made. The moratorium, disguised as a blessing to mankind, really protected private investments. We can never extricate ourselves from economic problems of the world."

Doctor Case said that the war "infected all nations with a disease called world situation." It is impossible for us to withdraw from it and take no part in international affairs.

THREE POSSIBLE FUTURES

Speaking of application of power to production, the speaker said that where enough can be produced, it becomes uneconomical and immoral to insist on a deficit economy. Doctor Case said that there are three possible futures for a machine civilization—a drift into anarchy, a return to primitive handicrafts, repudiating the machine, or a facing of the possibilities of the order.

The speaker cited three things that individuals need with the coming of scientific attitudes and methods: adequate motive, for youth in particular; adequate understanding, since militarist and pacifist both have a justifiable attitude, but neither understand the other; and knowledge, in order to face the real facts and to be able to see two different viewpoints and realize that both are partially right, neither totally wrong.

"The responsibility of this task is exceeded only by its opportunities," he concluded.

Miss Winifred Wolf, Ottawa, senior in industrial journalism and president of the Y. W. C. A., led the devotionals, and an organ solo, "Scherzo" (Rogers), was played by Jack Wilson, Emporia, graduate student in chemistry.

THREE STAFF MEN ATTENDING MEETINGS OF ENTOMOLOGISTS

Ten Reports To Be Given by Kansas State College Group

Prof. George A. Dean, Dr. R. L. Parker, and Dr. R. H. Painter of the college staff left Sunday afternoon for Urbana, Ill., where they are attending meetings of the North Central States Entomologists and the conference of the coding moth research workers of the United States and Canada. The meetings continue from February 26 to March 1.

Ten reports will be given by the three Kansas State men on various phases of entomological work. The Urbana meeting is the twelfth annual meeting of the Central States Entomologists. The department of entomology of the Kansas agricultural experiment station has been represented by one or more of its staff members at each of these meetings.

Ground atlas sorgo is worth practically as much, pound for pound, as corn as a feed for livestock.

The KANSAS INDUSTRIALIST

Established April 24, 1875

F. D. FARRELL, President, Editor-in-Chief
R. E. CHARLES, Managing Editor
R. I. THACKREY, H. P. HOSTETTER,
RALPH LA-HBROOK, Assoc. Editors
KENNEY L. FORD, ALUMNI EDITOR

Published weekly during the college year by the Kansas State College of Agriculture and Applied Science, Manhattan, Kansas.

Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. C. E. Rogers is head.

The price of THE KANSAS INDUSTRIALIST is \$3 a year, payable in advance.

Entered at the postoffice, Manhattan, Kansas, as second-class matter October 27, 1918. Act of July 16, 1894.

Make checks and drafts payable to the K. S. C. Alumni association, Manhattan. Subscriptions for all alumni and former students, \$3 a year; life subscriptions, \$50 cash or in installments. Membership in alumni association included.



WEDNESDAY, FEBRUARY 27, 1935

OUR DEAN OF WOMEN

A week ago Mrs. Mary Pierce Van Zile was honored by the national Association of Deans of Women for her 26 years of service as a dean of women in Kansas State college.

A difficult role—that of dean of women—yet Mrs. Van Zile has played it not merely efficiently but also with distinction. In the first place she has been a fine personal example to the co-eds. She has personified the lady in the best sense of that much abused word. And too many of the girls who have passed through the gates of this college, as through those of any college in the land, have had not enough of such influence. Mrs. Van Zile's dignified carriage, her gracious manner, her excellent taste in dress have made her an ideal personification of womanliness.

Also in a college of this size, with more than a thousand young women to supervise, the role has required much administrative ability.

Kansas State college has been fortunate to have as its dean of women all these years a woman of Mrs. Van Zile's ability.

RECIPE FOR HAPPINESS

The Home Economics club is starting an aggressive campaign to get all students in the division to develop a hobby, preferably some handicraft. Last night in Calvin hall there was an exhibition of all kinds of handwork from which the girls were urged to choose at least one. Various faculty women have volunteered their services by having social, informal classes an evening a week to instruct the girls in their chosen hobby.

The project is to be heartily endorsed.

If you want to take out an insurance policy for happiness in the years to come, develop wide interests. Boiled down, this is the gist of a chapter in Bertrand Russell's "Conquest of Happiness." Get not a hobby, but hobbies. Some day economic laws may knock the pins out from under your profession and then a hobby may be turned into a business. It has often so happened.

Even if it doesn't, the hobby will be a solace until your world rights itself. As Russell says, if through the years you have developed a deep pleasure in books, in music, in marionette shows, in wood block making, in birds, in photography, your wife can prove faithless, your children die, your business go to wrack and you will not be quite desolate. Life will never be for you not worth the living.

"But I'm not interested in books, music, marionette shows, wood carving, birds!" A wise college professor whose student once bluntly told him that he, the student, was not interested in the subject which was the professor's field, retorted, "my dear young man, without some capital there can be no interest."

Too many seem to think that a love of music, a deep interest in anything springs full fledged from the heart—like Minerva from the brow of Jove. Only animal, sensory pleasures do so. Others must be developed by exposure to them.

How many Kansas homes where a musical education can be had for the turning of the radio dial! The

Sunday New York Philharmonic orchestra under the world's most gifted conductor, with music explained by a great music critic, is a course in music appreciation. Yet those who listen to those concerts are few compared to the ones who tune in on jazz and the sentimental, throbbing organ. Not that there is any objection to jazz as such nor to organ music. But how much better to enjoy both jazz and symphonic music. Both the sentimental, ballad type of music which the radio organ seems to use to the exclusion of all other kinds, and the richer, more varied sort of which it is capable.

DEFINING BALLYHOO

Having noted a reference to "ballyhoo" in a recent letter on B. B. C. programmes, a correspondent inquires "What is the meaning of this word, what is its derivation, and when did it arrive in this country?" It seems rather touching (and perhaps reassuring) to have it hinted that there is someone in this island who is unaware of the word's meaning; if he has not fathomed the significance of the term, he may never have encountered the thing for which it stands. But dictionaries would have helped him. The supplement to the Oxford Dictionary, for instance, says that ballyhoo means "a 'barker's' speech; publicity in advance of a project; hence, blarney, 'eye-wash'." It does not suggest any derivation, but the new Webster, which says "from, or associated with Ballyhooly, village in County Cork, Ireland," may repair that omission. Webster's definition runs, "Noisy or active demonstration to attract attention, originally to a side-show; often applied to sensational writing and propaganda."—Manchester Guardian Weekly.

MUSIC

George Henry's Recital

Sleet driven furiously against the window panes of the college auditorium served somehow to increase the coziness and charm of the cello recital given Sunday afternoon by George Henry, with Richard Jesson playing the piano accompaniments.

The audience, though as usual, sought seats under the balcony, yet somehow felt closer to the stage by the very fierceness of the storm.

Corelli's "Sonata in D Minor" opened the program, its four movements—Prelude, Allemande, Sarabande, and Jig—providing nice contrast in mood, within the limits of the sonata pattern—classical, lovely in its clear cool way.

Schubert's "Concerto," written originally for the now obsolete arpeggione and adapted for cello by Casado, followed. Only a carping critic could have failed to enjoy it both for itself and for the artistry with which Mr. Henry played it, nearly perfect technique suffused with warmth of feeling.

His last group was of modern music, the first two being manuscript pieces: "The Cuckoo," by Sowerby and "Piece for Cello," by Schneefuss. Sowerby, who is one of America's greatest living composers, was a teacher of Mr. Henry and composed this number especially for his young pupil, basing it on an old English air. The second manuscript number, "Piece for Cello," is by a young friend of Henry's in Chicago, Mr. Schneefuss. Having heard that in it the piano and cello each goes its own blithe way, telling its own story in true modernistic style without much concern for what the other instrument is relating, we had expected to find it difficult to follow. But such was the skill of composer, pianist, and cellist that the dissonance, far from being harsh, proved interesting, even fascinating.

Granados' popular "Intermezzo from Goyescas" concluded this enjoyable recital.

Mr. Henry came here only for the year, while Lyle Downey is studying in the east. Both as composer and as interpreter he has much ability. Lucky the institution that acquires his services!—H. P. H.

SCIENTIFIC PUBLICATIONS OF KANSAS STATE COLLEGE

"Investigations on Physiologic Specialization of *Tilletia laevis* in Kansas," by L. E. Melchers, and "Effect of Chemical Treatments of Seed Corn on Stand and Yield in Kansas," by L. E. Melchers and Arthur M. Brunson, are two scientific publications recently to appear in Phytopathology

and Journal of the American Society of Agronomy. The first paper presents the results of five years of research on the wheat smut problem of Kansas. The author has proved the existence of distinct physiologic forms of the bunt organism, their distribution and prevalence in the counties of Kansas, and mentions the importance that physiologic forms have in the matter of breeding bunt resistant varieties of wheat.

The second paper deals with the effect of chemical disinfectants on seed corn as a means of controlling seed-borne diseases. These investigations were conducted at Manhattan and in other sections of the state. The authors conclude, from the studies made over a five-year period, that

ford of Topeka. The scholarship was in the division of general science and preferably to be held by the same person until graduation.

Walter J. Ott of Greenleaf, representing the Alpha Beta literary society, won the fifteenth annual oratorical contest. J. Paul Loomis of Manhattan, Athenian, placed second, and Don I. Irwin of Winfield, Hamilton, placed third.

THIRTY YEARS AGO

Faculty and student basketball teams played each other in the stock judging arena.

Forty-two of fifty-four graduates and former students living in Washington, D. C., attended the annual alumni reunion there. Those pres-

tan and the college as they were almost impassable for pedestrians except in freezing or dry weather.

Enrolment of young men in the carpenter and blacksmith shops was 116; in the printing office 47, the remainder being assigned to the departments of farm, horticulture, chemical, library, telegraphy, and secretary. Women students were enrolled as follows: sewing, 34; cooking, 22; printing, 15; music, 18; telegraphy, 8; and greenhouse, 1.

HIS LAND

Ruth Wilkerson in the Kansas Magazine

What matter if the plow has bruised his hand
Or wind has beaten age into his face?
Or if his manners are without the grace
Of those who live in ease, there is his land.
He does not care what other men demand
Or know the passions other men embrace.
For he has buried carefully all trace
Of love and suffering in soil and sand.

So truly of the earth was this man born,
So truly is the earth a part of him,
That if you take his farm, you have but torn
His body from his heart. Watch in the dim
Evening and see his eyes caress the soil
To which he's given himself in love and toll.

SUNFLOWERS

By H. W. D.

SECURITY

The administration and congress to the contrary notwithstanding, and baubles of social security to the contrary notwithstanding, the only kind of security that's really reliable in this universe is the security of energy.

It may not be a bad idea to try to explain what I mean.

The sun's energy, and the energy of other suns, can be relied upon, or practically. So can the energy of the man who isn't lazy and the intellect that doesn't flop at the finish of the first lap. The history of the universe and the history of man are by witnesses—ready to be cross-examined at your pleasure.

Social security has been tried a good many times and found wanting. It is merely something we cry for while we're being punished for having overdone. (See the spending orgy of 1928-29 and the depression of 1932-33.) And I doubt it would be worth having if it could be caught. Its supposed glories have a way of vanishing the moment it is clutched.

At present America is toying with two kinds of social security, one costing thirty dollars a month and the other, two hundred. The cash in each case is to be furnished by the government, a vague, deceptive term we apply, in our childish way, to the other partners in our rather immense corporation. As I understand it, there is small likelihood of our being able to coin this money out of the blue, blue sky—unless the management of the mint discovers some inventive Houdini.

What I mean is—if I am to step into two hundred a month at 65, you—to assure my plum—are going to have to hustle around and accumulate forty or fifty thousand for me by the time the happy day arrives. And if you are going to step into the thirty dollar dole, I shall have to start working several years ago to prepare for your groceries. Or vice versa.

In either case both of us are going to have to work like the very dickens. All of which brings us right back to the original premise that energy is after all the only thing that can be relied on.

I have just read over the foregoing paragraphs. They sound perfectly lunatic in the present economic frenzy. But I suspect they may not seem so silly fifteen or twenty years from now, when we shall have other things to worry about. Maybe you'd better remember them.

FLOWERING NIGHT

Stanley Blackpool in Poetry

The sky hurls down a hundred stars
Above a lake of amethyst;
Beyond the blooming lilac hills
Wanders a thin blue mist.

This beauty is too great that one
Should bear it all alone;
The night has flowered as has flowered
My heart that was a stone.

Curry, a Pioneer in Art

From the Art Digest

The primary appeal of John Steuart Curry is that of work done close to the soil, according to Royal Cortissoz of the Herald Tribune. "Curry seems to get inside the skin of his subject, to interpret American motives with a peculiarly sympathetic understanding. There are roughnesses in his technique, moments when the drawing is a trifle too casual, yet they cannot counterbalance the essential directness and force of what he does. The drawings show, too, that he can keep sharp command over his technique when he chooses. There is, finally, something likeable about his pictures, some gust of feeling enriching their veracity."

Curry's return to Kansas last summer for inspiration brought Margaret Breunig of the Post to say: "Like Antaeus, this contact with mother earth has given him strength; his draftsmanship is surer and his power of coherent, incisive design much greater. This artist like many American painters is a romantic and a realist. . . Here is first hand knowledge; the strange colors of sunsets, the closeness of land, the unusual effects of light, that all are unfamiliar to effete Easterners, seem credible in Mr. Curry's rendering."

Calling him a "pioneer," Malcolm Vaughan of the American said of Curry: "I am happy to record that towards his goal of rediscovering America for us, he strides distinctly forward." In describing Curry's striking "Line Storm," reproduced in the last issue of The Art Digest, Vaughan remarked: "There is more to the painting than the picture it makes. In it the spirit of the artist and perhaps his generation stands disclosed, a powerful spirit born of America, inspired by America and dedicated to American ideas and ideals. To my mind, the canvas is an historical work of art, historical in that it mirrors our contemporary will to believe in ourselves, to believe in our own resources, and in our native beauty. Should Curry go on painting as memorably as this, he might create, single-handed, a renaissance in American art. Happily, his monumental vitality is symptomatic of our change of growth. The trail he blazes is already thronged with other pioneers and precursors of a new dispensation. Speed the coming day!"

the various chemical disinfectants used cannot be recommended as a general practice for Kansas. No significant advantage in yield, quality of the crop, or proportion of lodged or barren plants was observed from the use of any of the chemical seed treatments thus far tried. Their studies answer the question that farmers have asked for a number of years as to whether it pays to use commercial seed corn treatment compounds for higher yields under Kansas conditions.

IN OLDER DAYS

From the files of The Industrialist

TEN YEARS AGO

Fifty years work in home economics at the college was to be celebrated April 16 to 18 by a golden jubilee. The college claimed it was the first school in the United States to give formal education in home economics.

The women's debate team of the college won all in a series of seven debates in Kansas, Missouri, Iowa, and Nebraska. Members of the team were Phyllis Belknap, Abilene; Charlotte Swanson and Helen Correll, Manhattan. Prof. H. B. Summers was coach.

Dean F. D. Farrell of the division of agriculture was appointed acting president of the college by the board of regents. The board granted President W. M. Jardine, newly appointed secretary of the United States department of agriculture, an indefinite leave of absence.

TWENTY YEARS AGO

A scholarship of \$300 a year was offered in the college by L. M. Craw-

ent: Prof. G. H. Failyer, '77; Lewis W. Call, '83; Chas. L. Marlatt, '84; Lieutenant O. G. Palmer, '87; D. G. Fairchild, '88; M. A. Carleton, '87; Julia R. Pierce, '90; Bertha (Winchip) Spilman, '91; Ed H. Webster, '96; R. S. Kellogg, '96; C. F. Doane, '96; Mrs. Margaret (Carleton) Doane, '96; Mrs. Gertrude (Lyman) Hall, '97; Wm. L. Hall, '98; E. C. Butterfield, '98; J. M. Westgate, '97; D. B. Swingle, '00; A. H. Leidigh, '02; A. B. Gahan, '03; Maude Failyer, '03; Corinne Failyer, '03; V. L. Cory, '04; Geo. F. Thompson, M. S. '02; Prof. A. S. Hitchcock, Mrs. A. S. Hitchcock, Prof. D. E. Lantz, C. S. Davis, Mrs. C. S. Davis and daughter, Will R. Spilman, Mrs. Lewis W. Call, Mrs. O. G. Palmer, Nellie Thompson, Mrs. E. C. Butterfield, Lois Failyer, Mrs. M. A. Carleton, Mrs. R. S. Kellogg, John F. Strouse, Mr. Pfeiffer, J. B. Corbett, May D. White, J. E. Dorman.

FORTY YEARS AGO

The senior class adopted its program and was making plans for class day exercises.

E. M. Blachly, second-year in 1891-2, was announced the first prize winner in the Pathfinder's current history contest.

Miss May Murphey was thrown from her buggy by her horse's sharp turn at the southeast corner of the main building. "Fortunately she fell on the small grass plot, and escaped with slight bruises."

FIFTY YEARS AGO

The city council was requested to improve the roads between Manhat-

AMONG THE ALUMNI

Almon Arthur Gist, '91, is superintendent of the southern Kansas division of the Atchison, Topeka and Santa Fe railway company. His address is 107 West Walnut street, Chanute.

Amelia (Maelzer) Gilson, '02, is living at Centralia.

May Ernestine (Umberger) Long, '07, lives at San Jose, Costa Rica.

Fred T. Rees, '13, is teaching vocational agriculture in Beloit high school.

Preston Hale, '16, and Anna (Yeager) Hale, f. s., are living at 829 Lane street, Topeka. Mr. Hale is county agricultural agent of Shawnee county.

Kyle D. Thompson, '20, is living at 415 East Fifty-first street, Long Beach, Calif.

C. A. Herrick, '21, is an assistant professor of zoology and veterinary medicine at the University of Wisconsin. He and Elva (Mall) Herrick, '18, live at 1813 Vilas avenue, Madison, Wis.

Warren E. Stone, '23, is homestead rehabilitation advisor at Bazine.

Dwight Patton, '23, is teaching vocational agriculture in the Stafford high school.

Metheny J. Copeland, '24, is load dispatcher for the Commonwealth Edison company. His address is 5901 North Artesian avenue, Chicago, Ill.

Dr. H. L. Church, '25, is practicing veterinary medicine in Battle Creek, Nebr.

William A. Johnson, f. s. '26, is an engineer with the Illinois state highway commission. His address is 113 South Forest street, Carbondale, Ill.

Geneva (Faley) Walters, '26, is living at 434 Central place, Kirkwood, Mo.

Irma Fulhage, '27, is employed in the Masonic home for children at Alexandria, La. Her address is box 311, Alexandria, La.

Towner H. Stevens, M. S. '28, is a research physicist. His address is 334 South Chase avenue, Lombard, Ill.

E. A. Stephenson, '28, is manager of the Fritzen ranch near Kingsdown.

John Paul Lortscher, '29, is assistant territorial manager of the produce department of Swift and company, Chicago. His address is 6125 Kenwood, Chicago.

Inez Pearl (Anderson) Weeden, '29, lives at Cedar Point.

Albert W. Miller, '29, is teaching vocational agriculture in the Chase County Community high school, Cottonwood Falls.

Rudolph T. Greep, '30, is technical advisor to the superintendent of the Soda Pulp mill of the S. D. Warren and company's Cumberland mills plant. This company manufactures high grade book papers. Mr. Greep's address is 9 Stroudwater street, Westbrook, Me.

Gertrude Brookens, '30, is teaching in the Burlington schools.

H. E. Davidson, f. s., and H. S. Miller, '31, recently went to work for the White Eagle Oil corporation in Augusta.

Opal Hoad, '31, is teaching school in Galena. Her address is 802 Chicago avenue, Galena.

Willard V. Redding, '31, and Jennie (Nettrouer) Redding, '28, live at Mount Ulla, N. C., where Mr. Redding is teaching vocational agriculture in the Mount Ulla high school.

Margaret Buck, '32, is teaching vocational homemaking at Holcomb.

W. M. Myers, '32, is an instructor in agronomy and plant genetics at the University of Minnesota, St. Paul, Minn.

Ralph Pratt, '33, and Mildred (Hurst) Pratt are located in Banning, Calif. Mr. Pratt is employed in the engineering department of the Metropolitan Water District of southern California.

Myrtle Dougherty, '33, is teaching mathematics in the Manhattan junior high school.

Irene Morris, '34, is home advisor with the Kansas emergency relief committee. Her address is 211 East Seventh street, Concordia.

Edward G. Kelly, '34, is studying

medicine at Kansas university this year.

Marie Antrim, '34, is teaching home economics at Attica.

Howard B. Palmer, '34, is assistant supervisor of the work program of Marion county under the Kansas emergency relief committee. He lives at Marion.

The address of Dwight S. Waters, '34, is box 589, Fairbanks, Alaska. He is mining gold on the Chena river about 40 miles from the arctic circle.

DEATHS

GRAVES

Kitty (Faulconer) Graves, f. s. '22, died February 16 at a hospital in Madison, Wis. Mrs. Graves formerly was employed in the office of the home economics division at the college. She is survived by her husband, Dr. Earl Graves, '22, her parents, a sister and four brothers.

MARRIAGES

GREGGO—NIGRO

Mary Greggo and Alex Nigro, '33, were married in Kansas City November 14. Mr. Nigro is in professional sports there.

JOY—HERMES

Laura Marie Joy, f. s. '34, and Eldon H. Hermes, who completed work last semester for a degree, were married January 1 in Manhattan.

HUTCHISON—TJADEN

The marriage of Helen Hutchison, Wichita, and Wayne Tjaden, f. s. '33, Wichita, took place October 27 in Eureka. Mr. Tjaden is a student at the college, and they live in Manhattan.

TODD—SCHMUTZ

The marriage of Estellene Todd, Madison, and Richard Schmutz, f. s. '31, Madison, took place December 31 in Burlington. Mr. and Mrs. Schmutz live on a farm near Madison.

PAGE—SMITH

Marguerite Page, Wichita, and Robert K. Smith, f. s. '29, were married January 27 in Washington, D. C. Mr. Smith is an architect and is doing research in the field of residential architecture. They live in Washington, D. C.

ADAMS—NIXON

The marriage of Virginia Adams, f. s. '33, Leavenworth, and Merwin E. Nixon, '34, took place December 25 at the home of the bride's parents. Mr. and Mrs. Nixon live at Meade where Mr. Nixon is homestead rehabilitation advisor.

GIGSTAD—YENZER

Word has been received of the marriage of Gladys Gigstad, Leavenworth, and Harold Yenser, f. s. '31, November 10 in St. Joseph, Mo. Mr. Yenser has been employed by the Southwestern Bell Telephone company at Smithfield and Brookfield, Mo. They live at Smithfield.

ELDER—ROEPKE

Announcement has just been made of the marriage of Margaret Virginia Elder, '33, and Howard Roepke April 21 in St. Marys. Before her marriage Mrs. Roepke had a position with the Carey Salt company in Hutchinson. They live in Wichita where Mr. Roepke is employed in the Federal Land bank.

WEYGANDT—CELLUCCI

Announcement was recently made of the marriage of Helen Frances Weygandt, '34, and Joseph L. Cellucci November 20 in Philadelphia, Pa. Mrs. Cellucci has been employed in the dietetics department in the graduate hospital of the University of Pennsylvania. Mr. and Mrs. Cellucci live at 610 North Thirty-second street, Philadelphia, Pa.

SAMPSON—HOCKENSMITH

The marriage of Doris Nina Sampson, Abilene, and Herbert A. Hockensmith, f. s. '29, took place February 9 in Abilene. For the past few years Mrs. Hockensmith has been secretary to the superintendent of the city schools of Abilene. Mr. Hockensmith is manager of a service station in Abilene. Their address is 305 North Vine street, Abilene.

More profit can be made by not adding grain to ground whole sorghum during the first 30 days lambs are on feed.

LOOKING AROUND

KENNEY L. FORD

About 30 Kansas State college alumni and friends of alumni gathered at the home of Mr. and Mrs. W. L. Latshaw in Salt Lake City, Utah, February 16 to listen to the annual Founders' day radio program. Supper was served to the group by Mrs. Latshaw after which there was a social period. An alumni organization was formed. Officers elected were Edgar W. Davis, '24, president; Glen Sawyer, '24, vice-president; and Alice (Englund) Winkler, '26, secretary-treasurer.

The following were present at the supper: Elsa (Brown) Bate, '16, Utah State Agricultural college, Salt Lake City; Minnie M. Baty, Lawrence E. Baty, '29, 74 East Twenty-first S.; Ellen V. Blackwood, '31, St. Marks hospital; Lila Canavon, M. S. '29, 875 East First S.; Arty W. Clark, f. s. '26, and Mrs. Clark, 260 South Ninth W.; R. M. Crowell, f. s. '23, and Mrs. Crowell, Utah Power and Light corporation; E. W. Davis, '24, and Mrs. Davis, 435 East First S.; Rhea Gibson, M. S. '31, 1337 Harrison avenue.

R. S. Jennings, '22, and Mrs. Jennings, 1344 Emerson avenue; W. L. Latshaw, M. S. '22, and Mrs. Latshaw, f. s. '16, 1803 Yale avenue; O. L. Longfellow, f. s. '25, and Mrs. Longfellow, 1200 Twelfth street, Ogden, Utah; H. J. Melcher, '24, and Mary (Capper) Melcher, f. s. '21, Salt Lake City; F. O. Randall, '26, and Mrs. Randall, 1093 South Ninth street; Glen R. Sawyer, '24, and Mrs. Sawyer, Box 899; Olga (Raemer) Totten, '11, 1028 South Thirtieth E.; and Edwin W. Winkler, '21, and Alice (Englund) Winkler, '26, 15 South Eighth E.

Additional messages of congratulation concerning the seventy-second anniversary Founders' day radio program over the national broadcasting system were received during the past week from the following: G. T. Klein, '26, Massachusetts State college, Amherst, Mass.; K. C. Davis, '91, and Fanny (Waugh) Davis, '91, 1714 Villa place, Nashville, Tenn.; Shelby G. Fell, '15, and Frances (Hildebrand) Fell, '17, 612 Fairmont avenue, Westfield, N. J.; Ralph W. Sherman, '24, 17 Sterling avenue, White Plains, N. Y.

Ethlyn Sandborn, '10, 368 1/2 Linwood avenue, Buffalo, N. Y.; Ursula Senn, '21, 140 Linwood avenue, Sherwood apartments, Buffalo, N. Y.; Lola Brethour, '13, 660 Main street, Buffalo, N. Y.; Colonel P. M. Shaffer and Zepherine (Towne) Shaffer, '11, 3440 Grand avenue, Des Moines, Iowa; R. C. Ragle, f. s., 22700 Nash, Dearborn, Mich.; W. V. Redding, '31, and Jennie (Nettrouer) Redding, '28, Mt. Ulla, N. C.; Helen (Evans) Mann, '14, Decatur, Ind.; B. E. Curl, '32, 1095 Ninth street, St. Louis, Mo.

Ivy A. Fuller, '13, Apartment 35, Delaware court, Tenth and Delaware streets, Indianapolis, Ind.; Charles B. Downer, '20, 2703 Norwood avenue, Pittsburgh, Pa.; Edith Moore, f. s., Washington, N. J.; Kenneth R. Chapel, '26, 621 North Juliette, Manhattan; Louis E. Fry, '27, and Obelia (Swearingen) Fry, f. s., 1111 Lamont street, N. W.; Washington, D. C.; and Alvin K. Banman, '24, Mathiston, Miss.

Sixteen Kansas State college alumni met in Detroit, Mich., on February 16 to listen to the Founders' day radio broadcast. A dinner was served to those present. Of the broadcast they write, "It really was an outstandingly clever program, quite the most original publicity we've ever heard. May there be many more and bigger Founders' days."

New officers were elected for the coming year. They are Esther Wright, '21, 6533 Sixteenth street, Detroit, Mich., president; Belle (Bush) McDonald, '23, 5526 Coplin, Detroit, Mich., vice-president; and Esther (Boell) Ragle, '14, 22700 Nash, Dearborn, Mich., secretary-treasurer.

Kansas college alumni members met at Pierre's restaurant in Philadelphia, Pa., to celebrate Kansas day, Saturday evening, February 2. Forty-two alumni from the University of Kansas, Kansas State college, and other Kansas colleges were present.

During the dinner letters of greeting from President Farrell, Chancel-

lor Lindley, and the respective alumni secretaries were read. After dinner Dr. Clarence McClung of the University of Pennsylvania related interesting observations and experiences about his recent trip to Japan. Officers of the Kansas State college Philadelphia alumni association were elected at this meeting. They are L. W. Bailly, president; Leland S. Hobson, vice-president; and William E. Forney, secretary-treasurer.

The remainder of the evening was spent on the roof garden with dancing and a floor show.

The following alumni of Kansas State college were present: Louis W. Bailly, '28, and Ruth (Jones) Bailly, 212 West Greenwood, Lansdowne, Pa.; Leland S. Hobson, '27, and Mrs. Hobson, 1118 Yeadon avenue, Yeadon, Pa.; Rose T. Baker, '17, 117 East Park avenue, Merchantville, N. J.; William E. Forney, '25, and Mrs. Forney, 3022 Pennsylvania street, Merchantville, N. J.; William P. Tuttle and Ruth (Welsh) Tuttle, '27, 4600 Spruce street, Philadelphia, Pa.; A. W. Broady, '29, 810 Summit avenue, Prospect Park, Pa.; K. J. Latimer, '30, and Mrs. Latimer, 60 Nyack avenue, Lansdowne, Pa.

The Kansas State college alumni association of northern California entertained with a banquet and dance at the Alameda hotel in Alameda, Calif., January 26 in recognition of Kansas day. Marie Richards, '27, who was chairman of the meeting, was elected president of the group. Other officers elected were: Dustin O'Hara, f. s., vice-president; and Gertrude McQuaid, '18, secretary.

Those present at the reunion were: Bertha Schwab, '14, 515 Oakland avenue, Oakland, Calif.; Florence (Dial) Smith, '19, 2350 Hilgard avenue, Berkeley; Francis L. Smith, M. S. '29, 2350 Hilgard avenue, Berkeley; Hope (Palmer) Baxter, '10, 337 A Riker street, Salinas; D. G. O'Hara, f. s., and Esther O'Hara, '17, 4128 Lakeshore avenue, Oakland; Marie Richards, '27, 3201 Bruce, Oakland; Esther McStay, '22, 747A Hayward; Gertrude McQuaid, '18, 576 Wesley avenue, Oakland; Sarah (Morris) Dowdle, '25, and John E. Dowdle, 378 South Sixteenth street, San Jose; Jay R. Bentley, '32, California range and experiment station, Berkeley; Virginia Socolofsky, '29, University of California, Berkeley; Marguerite Richards, '29, 3201 Bruce street, Oakland; Mrs. George Richards, Manhattan, Kan.; Nina Paulsen, '31, San Francisco; Loraine Lortscher, '30, San Francisco; Garnett Skinner, '28, Palo Alto; and Ervil Fry, '32, Salinas.

TWO MASTER FARMERS ARE FORMER STUDENTS

H. A. Praeger, Clafin, 1908, and W. V. Stutz, Utica, 1917, Honored at Achievement Banquet

Two of the ten master farmers selected this year through the Kansas Farmer, a Capper publication, and presented at the annual achievement banquet during Farm and Home week, are former students of Kansas State college. H. A. Praeger, Clafin, was graduated in 1908; W. V. Stutz, Utica, received a certificate in agriculture in 1917. Gold medals were presented to these men by Marco Morrow, assistant publisher of the Capper publications, for their outstanding ability, their good management, and their community leadership.

Raymond H. Gilkerson, managing editor of the Kansas Farmer, presented the master farmers of 1934 and pointed out some of the high points of each man's career as a farmer. His remarks concerning Mr. Praeger and Mr. Stutz were:

"H. A. Praeger, Clafin, Barton county, has been in Kansas all his life. He controls 880 acres, and has 780 under cultivation in a 5-year rotation. He pays considerable attention to growing alfalfa and sweet clover, and to control of soil blowing—all good practices to keep his soil fit. He grows 464 acres of wheat, plants according to fly-free date and finds summer-fallowing for wheat his most profitable practice. His home is modern, even to an electric refrigerator. He is an outstanding leader in his community and in farm business organizations. There are four boys and one girl in the family."

"W. V. Stutz, Utica, Ness county, controls 2,680 acres, owns 1,040 acres, and has 1,554 acres under cultivation. He pays particular attention to saving soil and fertility. To

RECENT HAPPENINGS ON THE HILL

Miss Louise Everhardy lectured on "An Artist in the Home" at last Friday's farm bureau meeting in Concordia. Tomorrow she will address the Manhattan Federated Women's club on "An America Indian Artist."

The art work of Winfield junior and senior high school students is now being exhibited in A68. The instructor, Welthalee Grover, was graduated from Kansas State college in 1928.

Prof. Linn Helander, head of the department of mechanical engineering, was in Kansas City last week attending a meeting of the Kansas City section of the American Society of Mechanical Engineers.

George Maddox, captain of this year's Big Six football champions, has signed with the Green Bay Packers, a professional football team of the National league. Maddox was an All-American tackle and played in the east-west game in San Francisco this year.

Alumni loan funds made possible the enrollment of 63 students for the second semester, according to Dr. W. E. Grimes, chairman of the loan board. Of this amount approximately 20 per cent has already been repaid. At the beginning of the fall semester, 182 students borrowed \$5,246, all of which has been repaid.

Kappa Phi, Methodist girls organization, held its annual banquet and initiation at the Methodist Episcopal church Tuesday, February 19. Special guests at the banquet were: Miss Ruth Haines, Miss Margaret Knerr, Mrs. J. M. McClelland, Mrs. Nina Rhodes, Miss Edith White, Mrs. Mary P. Van Zile, and Miss Eunice Britt.

Prof. R. G. Kloeffer delivered an address to the Kansas City section of the American Institute of Electrical Engineers at the Hotel President in Kansas City February 26. His subject was "Water Power vs. Steam Power for Generating Electrical Energy." He will spend several days in Kansas City making contacts with the electrical industries looking toward employment for graduates.

Prof. E. R. Dawley of the applied mechanics department was reelected secretary-treasurer of the Kansas Engineering society for the fourth time, in a meeting held in Topeka last week. Murray A. Wilson, Salina, B. S. '22, was elected vice-president. D. C. Jackson of the University of Kansas is president. Prof. F. F. Frazier of Kansas State college, LaMotte Grover, '24, and George Knapp, '14, both of Topeka, and G. M. Shelley, '21, of Wichita, are members of the executive committee.

BIRTHS

Eugene A. Waters, '25, and Mildred (Thornburg) Waters, '23, Sapulpa, Okla., announce the birth of a son, Richard Lyle, February 16.

Dr. C. W. McClaskey and Velna (Hallock) McClaskey, '29, announce the birth of a son, Paul Truman, October 10. The McClaskeys live at Cuba.

Dr. J. M. Harmon and Hazel (Sweet) Harmon, '23, are the parents of a son, Thomas Cameron, born December 23. They live at 11 Chaske avenue, Auburndale, Mass.

maintain and increase his soil fertility, he plans to fallow between 200 and 300 acres a year, and uses alfalfa to good advantage. Since most of his farm land is seeded to wheat, he finds it especially profitable to prepare his seedbed early, and in all his farming to use pure seed. Folks farther east might be surprised to learn this western Kansas farm maintains 225 purebred Hereford and purebred Shorthorn cattle. This is proof that western Kansas is more than a one-crop country. The Stutz family includes five children. All of them ought to have a good opinion of farming as a business, inasmuch as they are growing up in a modern home and with the best educational advantages."

UNDEFEATED TRACKMEN PREPARE FOR BIG 6 MEET

CHAMPIONSHIP WILL BE DECIDED
NEXT WEEK IN COLUMBIA

Wildcats Win Third Straight Dual and Set New Records in Defeating Missouri 51½ to 41½ Saturday Night

With dual meet victories over Kansas, Nebraska, and Missouri already to their credit, Coach Ward Haylett's undefeated Kansas State college track team this week is working in preparation for the Big Six conference meet in Columbia March 8 and 9. Although Kansas State has defeated three Big Six teams in dual meets, Haylett feels that any one of four teams may win the championship.

The only competition for the Wildcat trackmen this week will be the K. C. A. C. meet in Kansas City. However, only a few of the squadmen who need seasoning will be entered. Experienced men who have been outstanding in dual meets will remain at home to point for the conference meet next week.

TWO OTHER BIG EVENTS

Following the Big Six meet several of the outstanding performers will be groomed by Haylett for the Armour Tech meet in Chicago March 16 and the Butler relays in Indianapolis March 23.

New Missouri-Kansas State records were established in Columbia Saturday night as the Wildcats defeated the Tigers 51½ to 41½. The Wildcats produced their expected dominance on the track and the Tigers won all of the field events.

WILDCATS SET RECORDS

Joe Knappenberger, Kansas State hurdling ace, equalled his old mark of 7.5 seconds in the high sticks and shaved a tenth of a second off the low stick mark of 7.1 seconds set by Smutz of Kansas State two years ago, and then added a second place in the 60-yard dash for a high individual total of 13 points.

Justus O'Reilly, Wildcat distance star, was the only other double winner, taking first in the 880-yard run and clipping 6.8 seconds off the mile run record when he won in 4 minutes, 24.4 seconds. The Wildcats bettered other meet records with Wheelock's time of 9 minutes, 50 seconds in the 2-mile and Nixon's 53 seconds flat in the 440-yard dash. The summaries:

Mile run—Won by O'Reilly, Kansas State; Hardy, Missouri, second. Time, 4 minutes, 24.4 seconds (new meet record).
60-yard dash—Won by Cooley, Missouri; Knappenberger, Kansas State, second. Time, 6.3 seconds (ties meet record).
High jump—Won by Short, Missouri; Teter, Missouri, and Peters, Kansas State, tied for second. Height, 5 feet, 11½ inches.
60-yard high hurdles—Won by Knappenberger, Kansas State; Cooley, Missouri, second. Time, 7 seconds (new meet record).
440-yard dash—Won by Nixon, Kansas State; Sweat, Kansas State, second. Time, 53 seconds (new meet record).
60-yard high hurdles—Won by Knappenberger, Kansas State; Walker, Missouri, second. Time, 7.5 seconds (ties meet record).
Pole vault—Won by Teter, Missouri; Ayers, Kansas State, second. Height, 12 feet (ties meet record).
Shot put—Won by Lochiner, Missouri; Hays, Kansas State, second. Distance, 42 feet, 7½ inches (new meet record).
Two-mile run—Won by Wheelock, Kansas State; Beasley, Missouri, second. Time, 9 minutes, 50 seconds (new meet record).
880-yard run—Won by O'Reilly, Kansas State; Hardy, Missouri, second. Time, 2 minutes, 6.7 seconds.
Mile relay—Won by Kansas State (Sweat, Messick, Peters, Nixon). Time, 3 minutes, 34.7 seconds.
Broad jump—Won by Waters, Missouri; Hemphill, Kansas State, second. Distance 23 feet, 4 inches, (new meet record).

INDEPENDENTS PLACE FIRST IN ALL INTRAMURAL SPORTS

W. F. A. C. Has Total of 505½ Points, Delta Tau Delta Second

W. F. A. C., an independent team, won the annual intramural swimming meet held recently at the college gymnasium to maintain their record of championships in all intramural sports so far this year. Two new intramural records were established by the W. F. A. C. team, one in the medley and another in the 160-yard free style relays.

The W. F. A. C. team amassed a total of 52½ points to win the meet, the nearest rival being Sigma Alpha Epsilon with 38 points. Pi Kappa Alpha, with 33½ points, nosed out Beta Theta Pi, which had 33½. Kappa Sigma was next with 20 points. Fifteen teams were entered.

The W. F. A. C. team is well on the way to winning the annual intra-

mural cup with a total of 505½ points. Trailing are the Delta Tau Deltas with 362, the Pi Kappa Alphas with 278½, and the Beta Theta Pi's with 229½. W. F. A. C. won the touch football. Delta Taus were runners-up. W. F. A. C. won the basketball with the Kappa Sigmas second. Phelps, Manhattan, a W. F. A. C., won horseshoe singles, and Phelps and Wallingford won the doubles.

PUPPET SHOW TO RECREATE MOVIE STARS; CHICAGO FAIR

Famous Olvera Street Marionettes To Give Two Performances on College Campus

Marionettes which have delighted Hollywood and other sophisticated audiences in Los Angeles and on tour in the United States will make their bow in the college auditorium here Monday, March 11. They will give a 3:30 o'clock performance primarily for children and an 8 o'clock one for adults.

A take-off on the Chicago world's fair and a musical satire, "Rip Van Winkle's Strange Interlude," will be the two plays presented at night. The latter has for actors miniature movie stars: Greta Garbo, Marie Dressler, Will Rogers, Clark Gable, Joan Crawford—some of whom posed for the making of their puppets. These are exquisitely sculptured and dressed with infinite care, according to Miss Dorothy Barfoot, of the art department, who has made a special study of the marionette theater. A trip to Tinker Toy Land and to Santa's workshop in Little America will be added to the afternoon program.

This traveling theater, exact reproduction of the one in Los Angeles which brought them a national reputation, is now on its second American tour.

"This puppet theater is the second largest in the world," said Miss Barfoot, who has seen it both in Los Angeles and on tour. "Italy has the largest one. It is even better than that of Tony Sarg." The art department is sponsoring its appearance at Kansas State college.

QUESTIONABLE FEEDS KILL MUCH LIVESTOCK IN STATE

Doctor Dykstra Recommends Practical Method of Testing

Many letters have been received by the division of veterinary medicine from farmers over the state, reporting extensive losses of horses and cattle. Dean R. R. Dykstra of the division says in most cases symptoms indicate the cause of death is questionable feeds which contain mold, fungus, bacterial or chemical poisons. Extreme scarcity of feed has caused many feeds to be used that ordinarily would be discarded.

Practicing veterinarians report the puzzling problem has been successfully solved by the intravenous administration of a solution of sodium thiosulphate. The application of this remedy is so technical, however, that it should be entrusted only to a qualified veterinarian, Doctor Dykstra declares.

Probably the best practical method of testing feed is to allow one or two animals of small value to consume the feed as a complete diet. If no bad results are noticed within 10 days the feed is reasonably safe. According to Doctor Dykstra such tests are far superior to laboratory tests which are confined to experiments with rabbits and guinea pigs.

Riflemen Place Third

Kansas State college riflemen placed third in a field of 50 in the "Little Camp Perry" small-bore rifle matches last week at Booneville, Mo., making 715 out of a possible 800 points. Cretin of Minnesota won the match with a score of 729 and St. Thomas Military academy, also of Minnesota, was second with a score of 718. In the team matches on Friday the scores of members of the Kansas State team were: W. F. Stewart 195, P. F. Wendell 179, G. Anton 171, and Ed Waller 170.

Babcock Is Sunday Lecturer

Dean R. W. Babcock will be next Sunday afternoon's popular science lecturer at the college museum at 3 o'clock. His subject will be "A Glance Overhead at Night." It will be a slide lecture. Among other things he will tell what is the evening star this time of year, where to find the major planets and constellations.

New Dairy Head



F. W. Atkeson, head of the department of dairy husbandry at Idaho university, who will become head of the department of dairy husbandry of Kansas State college April 1 succeeding J. B. Fitch. Atkeson is a graduate of the University of Missouri and obtained his M. S. degree from Kansas State college in 1929.

SOCIAL ORGANIZATIONS ELECT SECOND SEMESTER OFFICERS

A Few Retain Heads from First Half of Year

Elections of new officers for the spring semester have been held by most of the social fraternities and sororities. Several retain officers of the preceding semester and others have not elected. The following organizations have elected these presidents:

Alpha Kappa Lambda, Raymond Dicken; Alpha Tau Omega, Clarence Crawford; Kappa Sigma, Leslie King; Lambda Chi Alpha, Wilbur Combs; Phi Delta Theta, Herb Beckett; Phi Sigma Kappa, Stanley Merrill; Pi Kappa Alpha, Kenneth Harris; Sigma Alpha Epsilon, Frederick Beeler; Sigma Nu, Warren Keller; Kappa Delta, Hazel Lovingood; Pi Beta Phi, Frances Farrell; Tau Kappa Epsilon, Paul Fanning; Theta Xi, Leroy Heinsohn; Alpha Delta Pi, Gertrude Porter; Chi Omega, Charlotte Buchmann.

FIVE SOCIAL ORGANIZATIONS TO COMPETE IN AG ORPHEUM

Music and Dancing To Be Included on Program March 8 and 9

Stunts of five social organizations, Delta Delta Delta, Lambda Chi Alpha, Pi Beta Phi, Chi Omega, and Beta Theta Pi, have been selected to compete in the fifteenth annual Ag Orpheum at the college auditorium March 8 and 9.

In addition to the five stunts in competition for a cup, the program will include six stage musical presentations by the college choruses under the direction of Prof. Edwin Sayre of the music department, numbers by members of the Lillian Amos school of dancing and the Mason school of dancing.

Arrangements are being made for the broadcast of parts of the program over radio station KSAC. H. Miles Heberer and Max Burk are in charge of the Orpheum which is sponsored by the Y. M. C. A.

PROGRESS OF KANSAS PRESS F. E. C.

Miss Marietta McLeod of Marysville has been made news editor of the Clifton News.

With the February 22 issue, Aron Dick, editor of the Inman Review, will enlarge his paper to eight pages.

The Hope Dispatch, Mr. and Mrs. C. M. Bowline, editors and publishers, celebrated its golden anniversary with the February 14 issue.

Franklin Thackrey, '34, reporter for the Manhattan Chronicle, has accepted a position with the land policy section of the AAA at Lincoln, Nebr.

Don Barnes has sold his Longford Leader subscription list to the Clay Center Dispatch and is moving his plant to Bennington where he is establishing a newspaper to be known as the Bennington News.

Big Six Standings

	W.	L.	Pct.	TP.	OP.
Kansas	10	2	.833	428	324
Iowa State	7	2	.778	283	243
Oklahoma	8	6	.571	467	464
Missouri	5	9	.357	411	458
Kansas State	4	10	.286	415	482
Nebraska	2	7	.222	248	281

GAMES THIS WEEK

Friday—Kansas vs. Missouri at Columbia.
Saturday—Kansas vs. Missouri at Columbia; Kansas State vs. Nebraska at Lincoln.

RESULTS LAST WEEK

Iowa State 32, Kansas 20.
Nebraska 32, Oklahoma 24.
Kansas 39-36, Kansas State 33-30.
Missouri 24-41, Oklahoma 45-37.
Iowa State 22, Nebraska 14.

KANSAS STATE SWIMMERS DEFEAT KANSAS U. 45 TO 38

Captain Joe Creed Wins Three Dashes—Creed and Blanche Set Pool Records

Kansas State college swimmers won their fourth dual meet of the season in defeating the University of Kansas 45 to 38 Saturday afternoon at Lawrence. It was the second time this year the Kansas State team had defeated the university swimmers.

Captain Joe Creed starred for Kansas State, winning the three dashes and setting a new pool record in the 220-yard dash with the time of 2 minutes, 32.3 seconds. Robert Blanche of Kansas State took the 200-yard breast stroke in 2 minutes, 46 seconds to set a new pool record in the event. The Kansas 400-yard relay and Kansas State medley relay teams hung up new records with the time of 4 minutes, 8 seconds, and 3 minutes, 32.2 seconds, respectively.

In a meet with Washburn the previous Tuesday at Manhattan the Kansas State tankmen won six of nine possible firsts to defeat Washburn 51-34 for the second time this season.

The summary of the meet with Kansas:

400-yard relay—Won by Kansas (Thorne, Nichols, Kester, Tripp); second, Kansas State (Umberger, Lassen, Churchill, Brady). Time, 4 minutes, 8 seconds. (New pool record.)
200-yard breast stroke—Won by Blanche, Kansas State; second, Raport, Kansas; third, Elias, Kansas. Time, 2 minutes, 46 seconds. (New pool record.)
150-yard back stroke—Won by Jennings, Kansas; second, Steel, Kansas State; third, Lashelle, Kansas. Time, 1 minute, 55.3 seconds.
50-yard dash—Won by Creed, Kansas State; second, Kester, Kansas; third, Thorne, Kansas. Time, 25.7 seconds.
440-yard free style—Won by Miller, Kansas. Time, 6 minutes 14.6 seconds.
100-yard dash—Won by Creed, Kansas State; second, Tripp, Kansas; third, Umberger, Kansas State. Time, 62.2 seconds.
Diving—Forfeited by Kansas.
220-yard dash—Won by Creed, Kansas State; second, Nichols, Kansas; third, Kester, Kansas. Time, 2 minutes, 32.3 seconds. (New pool record.)
Medley relay—Won by Kansas State (Steele, Blanche, Brady); second, Kansas (Jennings, Raport, Tripp). Time, 3 minutes, 32.2 seconds. (New pool record.)

J. O. Faulkner Re-elected

Prof. J. O. Faulkner was reelected editor of the K. A. T. E. bulletin by the executive committee of the Kansas Association of Teachers of English and Kansas Council of English Teachers at a meeting in Topeka February 9. This is the ninth consecutive year Professor Faulkner has been editor.

Scholar in New York

Prof. C. H. Scholer of the department of applied mechanics has been in New York City where he attended a meeting of the American Concrete Institute as a member of the board of directors.

LATE JAYHAWK RALLIES DEFEAT WILDCATS TWICE

KANSAS WINS 39 TO 33 AND 36 TO 30 AT MANHATTAN

Kansas State Leads at Half in Both Games but Falls to Hold the Conference Leaders in Final Minutes

Late rallies enabled the University of Kansas to come from behind and defeat Kansas State's Wildcats in two Big Six conference basketball games played in Manhattan Friday and Saturday nights. The Kansas university team retained its Big Six leadership by winning 39 to 33 Friday night and in a game which almost duplicated the one of the night before, won 36 to 30 Saturday night.

Trailing at the end of the first half, 14 to 16, Friday night the Jayhawkers passed the Wildcats early in the second half and built up a 7-point lead, lost it, and then won the game in a final drive in the last five minutes in which Gordon Gray made two baskets and Ray Ebling and Ray Noble one each.

GROVES MATCHES EBLING

Ebling, Big Six scoring leader, and Frank Groves, Wildcat center, who is not far behind, tied for high point honors with 13 each.

The following night Kansas State led again at the half, this time 17 to 13, but instead of dropping behind early in the second period, held to their lead until only five minutes remained. A scoring drive gave the university another 6-point margin.

Ray Ebling, high point man, and Rogers, substitute forward, scored the university's last 14 points.

Held to three points in the first half, Ebling had three more when only five minutes remained to play and Kansas State led, 27 to 26. When he finally went into action he flipped in three baskets in less than two minutes and added a fourth soon after for good measure.

END SEASON MONDAY

The Jayhawks started with a rush and ran their lead to 8 to 1 at the end of six minutes but Groves flipped three baskets and Freeland a free throw to tie the count. Then Kansas State pulled ahead.

Kansas State will play Nebraska at Lincoln Saturday and will end the season Monday night against Iowa State at Ames.

Kansas—36

	G	FT	F
Ebling, f	6	2	1
Allen, f	1	1	1
Kappelman, f-c	0	0	1
Oyler, f	0	0	0
Wells, c	0	0	4
Rogers, c	2	2	0
Gray, g	3	1	2
Noble, g	3	0	2
Totals	15	6	10

Kansas State—30

	G	FT	F
Gilpin, f	2	1	0
Thornbrough, f	1	0	0
Freeland, f	3	4	3
Groves, c	6	1	1
Stoner, g	0	0	2
Railsback, g	0	0	1
Totals	12	6	7

Kansas—39

	G	FT	F
Ebling, f	6	1	0
Allen, f	1	1	1
Wells, c	1	5	0
Gray, g	5	0	1
Noble, g	3	0	1
Ka'man, g-f	0	0	2
Totals	16	7	5

Kansas State—33

	G	FT	F
Gilpin, f	2	2	0
Freeland, f	2	0	2
Groves, c	6	1	2
Railsback, g	3	2	1
Stoner, g	1	0	2
Totals	14	5	7

Officials—Owen Cochrane, Kansas State, and E. C. Quigley, St. Mary's.

Basketball Schedule

*Dec. 14—Kansas State 39, Kansas U. 35.
*Dec. 18—Kansas State, 26, Kansas U. 40.
Jan. 4—Kansas State 32, Oklahoma U. 38.
Jan. 5—Kansas State 34, Oklahoma U. 47.
*Jan. 7—Kansas State 27, Oklahoma City U. 36.
*Jan. 8—Kansas State 34, Wichita U. 50.
Jan. 11—Kansas State 14, Kansas U. 40.
Jan. 14—Kansas State 25, Iowa State 29.
Jan. 21—Kansas State 47, Nebraska 41.
Jan. 26—Kansas State 37, K. U. 43.
Feb. 1—Kansas State 27, Missouri 20.
Feb. 2—Kansas State 32, Missouri 29.
Feb. 8—Kansas State, 31, Missouri 44.
Feb. 9—Kansas State 20, Missouri 34.
Feb. 15—Kansas State 22, Oklahoma 24.
Feb. 16—Kansas State 31, Oklahoma 18.
Feb. 22—Kansas State 33, Kansas U. 39.
Feb. 23—Kansas State 30, Kansas U. 36.
Mar. 2—Nebraska U. at Lincoln.
Mar. 4—Iowa State at Ames.
*Indicates non-conference.

THE KANSAS INDUSTRIALIST

Volume 61 Kansas State College of Agriculture and Applied Science, Manhattan, Wednesday, March 6, 1935 Number 21

OPEN HOUSE INVITATIONS GO TO 300 HIGH SCHOOLS

ENGINEERS WILL BE HOSTS TO
MANY MARCH 15 AND 16

Better Program Than Any Previous
Year Is Aim of Manager-Assembly
and St. Pat's From Are
Added Features

Invitations have been sent to 300 high schools, inviting their seniors and all others interested to attend the fifteenth annual Engineers' Open House on the campus the night of March 15 and the afternoon of March 16. Invitations also have been extended to all the engineering departments of Kansas colleges and to junior colleges.

A program which will be of greater interest than that of any previous year, is the aim of Dean Swift, Olathe, prominent senior, who is manager of Open House. Sodium vapor lamps, which are one of the latest developments in illumination, television, terracing of farm land, and the history of architecture, are only a few of the features for entertaining the visitors.

AMONG FIRST IN COUNTRY

Kansas State college was one of the first schools in the country to set aside a day on which the engineers are hosts. At one time Open House was a part of Farm and Home week but in 1929 it was made a separate event. Average attendance for several years has been well above 5,000. The photoelectric eye recorded 7,000 two years ago.

Two outstanding events, in addition to the exhibits, are the Engineers' assembly at 11 o'clock Saturday morning and St. Pat's prom Saturday night. The election of a St. Patrick and St. Patricia to rule over the prom will take place this week.

A STUDENT ACTIVITY

Only students participate in the actual planning and management of the exposition, although a faculty committee composed of one member of each department of the engineering division has been chosen as an advisory council.

All departments of the division will have special demonstrations of new equipment and ideas. Students interested in television have been working hard since last year and will demonstrate something different in television equipment. All laboratory equipment of the division will be available for inspection. A special routing system through the buildings will take visitors to every exhibit.

'HUMAN LIFE WILL HAVE YET LESS VALUE IN ITALY'

Dean Justin Gives Impressions of Mus-
solini's Country as Seen in
Her Travels

That human life as such in Italy will have yet lower value, that the cultural values of life there will diminish still more in the next few years was the prediction made by Dean Margaret M. Justin in her noon forum talk in Thompson hall last Wednesday. Dean Justin visited Italy last year in her trip around the world.

She told of Mussolini's technique in keeping himself in power. His picture is everywhere, as a law has been passed requiring every public place—even boarding houses and taxis—to display it. She spoke of the chaos which will probably ensue upon his death as no other person is being trained to take up his work due to Mussolini's jealousy and summary dismissal of anyone who inspires any degree of popularity. She read to her audience the oath which every Italian must take: to obey Mussolini blindly, unquestioningly, placing loyalty to him above every other loyalty.

The country gives a decidedly militaristic impression, with men in uniforms of one sort or another everywhere, she said. Women have no place in government or the professions today. Those who after the World war had gone into various kinds of public life, have been ousted

and sent back to the home. Few are permitted even to teach.

She spoke of the disappearance of the picturesque native costumes with the rapid industrialization of the country, of the large public works program there, of the impetus given to armament production, of the exploitation of the tourist. She quoted one Italian woman, however, as saying, "For most of the people the fascist rule has been good. Maybe we are not capable of ruling ourselves. Anyhow we don't have to decide!"

MELODRAMA OF ARABIAN NIGHTS TALE TO BE GIVEN

Mrs. Forrester Directs Thrilling Play
on Childhood's Favorite Book
for Two Performances

Aladdin and his magic lamp, the Slave of the Lamp, all the characters of an Arabian Nights tale will "walk the boards" of the Wareham theater the morning of Saturday, March 16, and the evening of Tuesday, March 19. It will be the first production of the junior theater group of A. A. U. W. The morning performance will be for children, the evening one for adults. The cast is entirely of women and children.

Mrs. Blanche Forrester is director of "Aladdin." The leading roles and actors are: Aladdin, Mrs. I. W. Parrot; magician, Mrs. R. W. Conover; Aladdin's mother, Mrs. F. C. Fenton; his scolding aunt and uncle, Mrs. B. H. Ozment and Helen Hostetter; his little playmate, Dorothy Summers; the beautiful princess, Nancy Lou Herwig; the sultan, Mary Evans.

Kenneth Thomas, Dickinson theater artist, is doing some of the sets for this thrilling melodrama; Mrs. Frank Zink, the others. Frank Whitam, manager of the Dickinson theaters, is contributing a part of his share of box office receipts to the city library for purchase of children's books; A. A. U. W. is giving an equal sum from its portion.

ANNOUNCES PROGRAM FOR LAMB FEEDERS MARCH 16

Results of Feeding Experiments Just
Completed Are on Schedule for
Garden City Meeting

The program for the second annual lamb feeders' day to be held at Garden City March 16 was announced here today by R. F. Cox of the animal husbandry department. As head sheep man for the college, Cox has been supervising the second series of lamb feeding experiments at the branch agricultural experiment station near Garden City. The experiments were completed this week.

The branch station commenced the lamb feeding experiments last year to shed light upon some of the feeding questions and to develop more efficient methods of fattening lambs with feeds grown in the Great Plains region. Results of these experiments will be reported at the feeders' day meeting. The several lots of lambs will still be on hand and available for inspection, Cox said. The forenoon of March 16 will be devoted to such inspection at the branch station five miles northeast of Garden City on U. S. highway North 50.

The program calls for lunch in town, with an afternoon meeting at the Kimo theatre. A. L. Stockwell, lamb feeder and farmer of Larned, will preside. The following program begins at 1 o'clock.

Address of welcome—R. E. Stotts, secretary of Garden City chamber of commerce.

The service of the experiment station to southwest Kansas—Dean L. E. Call, Kansas State college.

The importance of livestock—Dr. C. W. McCampbell, Kansas State college.

Growing grain and forage crops in southwest Kansas—F. A. Wagner, superintendent of Garden City station.

Report on experimental feeding results—R. F. Cox.

Fattening lambs on wheat pasture—L. R. Byler, feeder at Kalvesta.

Question box.

'COLLEGE DOES MUCH FOR FARM HOUSE PLANNING'

PLANS CAN NOW BE CARRIED OUT
THROUGH FEDERAL LOANS

Survey of State Shows Many Repair
and Improvement Needs—People
Willing to Improve Homes
When They Have Money

Kansas State college has done more to help farm house planning in Kansas than any agency in any other state, is the belief of Prof. H. E. Wichers of the department of architecture, in a recent talk before farm women at the college.

The department of architecture has issued bulletins, from time to time, setting forth ideas and plans for modernizing the farm home, explained Professor Wichers. These bulletins have plans for making the simplest to the most complex changes in dwellings. They even include plans for running water and sewage disposal, two things no farm home should be without, he said.

Since the government has taken a hand in modernizing the farm homes of the country by means of loans, many people in rural communities can now have comforts they have not previously enjoyed.

Housing conditions in Kansas were discussed on the same program by Mrs. H. Umberger, Manhattan, who conducted the farm housing survey made in the state last year. This was a nation-wide project in 46 states and was made in 10 counties in Kansas.

Comanche, Franklin, Ford, Leavenworth, Lyon, Rawlins, Rice, Sedgewick, Shawnee, and Smith were the counties in which the survey was conducted, said Mrs. Umberger. These counties were selected because they were representative of location and physiographic features, different types of farming, and housing conditions.

"There was an almost equal division of owners and non-owners in the 18,000 homes that we surveyed," commented Mrs. Umberger. "Seventeen log houses and 42 earth houses were found to be serving as dwellings. Others were made of stucco, brick, stone, concrete, and wood."

Housing needs for the state are general repair work of roofs, foundations, and walls, total replacement of the buildings, water supply and sewage disposal, additional storage space, light, heat, and refrigeration.

The general attitude of the people of these counties toward means of bringing about improvement was that they were willing to improve their homes as soon as they have the money to do it.

BROWN PRESCRIBES FOR DEPRESSION—HIT NATION

Urges Educating People To Manage
Their Money Intelligently

Educate people to manage their money intelligently and you will prevent depressions with all their losses and suffering. This is the philosophy back of the speaking tour of A. Lawren Brown, who addressed an audience of town and campus people this afternoon in Recreation center. He is a member of the speakers' bureau of the American Association for Economic Education.

He showed how science can be applied to money as well as to the other great human problems such as transportation, industry, disease. He contended that education and not legislation is the cure for depressions.

UNDER FAVORABLE CONDITIONS GRAZING MAY INCREASE YIELD

Bulletin on Pasturing Winter Wheat
in Kansas Now Available

When properly managed, a good growth of wheat may be moderately grazed during the winter months without reducing the grain yields. Under favorable conditions for growth the yield of winter wheat may actually be increased by grazing it, according to an agricultural experiment station bulletin just off the Kansas State college press. The bul-

letin, "Pasturing Winter Wheat in Kansas," number 271, may be had upon request.

When to pasture winter wheat, method of grazing to prevent reduction in yield, the effect of grazing on soil blowing and firming of seedbed, varieties best adapted to grazing, grazing capacity, custom rates for wheat pasture, livestock gains from pasturing green wheat, winter rye and winter barley for pasture, losses in livestock from pasturing green wheat, and other discussions of interest to farmers and stockmen are included in the 29-page bulletin.

FOUR GROUPS TO MEET HERE NEXT WEEK END

Home Economists, Dietitians, To Hear
Doctor Rockwood, Frances Zuill,
Mrs. Beal, Mrs. Cutler

A sort of super-convention is to be here Friday and Saturday, March 15 and 16, when the Kansas Home Economics association has its eleventh annual session, for three other groups will hold their meeting in conjunction with it: dietitians and institutional economists, extension workers, home economics clubs.

Two art exhibits will be brought to the college especially for the convention: one of water color paintings by two Ohio university artists, and one of costume and stage designs by Clive Rickabaugh.

Friday afternoon one group will take up current legislative problems. Miss Louise Gibson of the Kansas State Teachers' college at Pittsburg, Mrs. George Beal, president of the Kansas League of Women Voters, and Mrs. L. C. Cutler, legislative chairman for the Kansas Federation of Women's Clubs, will address the meeting. The foods, drugs, and cosmetics bill, the child labor amendment, and federal appropriations are among legislative matters of concern to home economists and ones which will probably come up for discussion.

Dr. Lemo Dennis Rockwood, field worker in child development and parental education for the American Home Economics association, will be one of the headliners of the Friday afternoon sessions. Miss Frances Zuill, head of the department of home economics, Iowa State university, will give an address on consumer problems at 9 o'clock Friday morning.

FAMOUS PUPPET SHOW TO GIVE TWO PROGRAMS

Managers Trained in Baker's Yale
Workshop—Do Take-offs on
Movie Idols

One of the world's most famous marionette theaters is to be in Manhattan for two performances next Monday in the college auditorium. The children's show is to start at 3:30; that for adults, at 8.

"Three of the young men who will be here with the theater are products of Baker, the famous Yale professor whose students have written so many Broadway successes," Miss Dorothy Barfoot of the art department says. It is that department which is bringing the marionettes to the campus. "Six years ago when these young men were graduated they went to Los Angeles and started their puppet theater. It at once captured the interest and admiration both of Hollywood and of non-theatrical people. A unique development has been in portrait puppets: of people prominent in American life."

"Among their numbers is a 'Solo by Einstein' which they presented for the great scientist, to his huge enjoyment," continued Miss Barfoot. "There are 185 puppets, most of them 36 inches tall—considerably larger than those of the conventional marionette show. One of the most difficult of the numbers on their program is that showing the skaters in the Black Forest at the Chicago fair—for 25 strings must be used for each puppet and the timing has to be done so exactly."

SEVENTY RETAIL MEAT DEALERS ARE ENROLLED

THIRTY-ONE CITIES REPRESENTED
IN SHORT COURSE

'Meat Consumption Low Due to Mis-
information as to Cost and Effect on
Health, and Competition of Adver-
tised Foods, McCampbell Says

Seventy retail meat dealers from 31 cities and towns are learning how to better serve their customers and make more profit from their business at the first annual Retail Meat Dealers short course being held on the campus Tuesday and Wednesday of this week.

Lectures and demonstrations on handling various types of meat, and literature on all phases of retailing are included in the program which has as its purpose a better informed group of meat dealers in the state.

Many times a slight change in the method of cutting a carcass or pricing the resulting cuts means the difference between profit and loss, the 70 meat dealers were told during the Tuesday session which opened with a brief address of welcome by President F. D. Farrell.

EXPERTS ON PROGRAM

Figuring percentages, cutting tests as a sure way of staying out of the red, and taking the guesswork out of pricing retail cuts of meat, were subjects discussed Tuesday forenoon by members of the animal husbandry department of the college, and by Max O. Cullen of the National Live Stock and Meat board, and A. T. Edinger of the United States bureau of agricultural economics.

"A half cent per pound reduction on one cut may mean the difference between profit and loss on an entire carcass, therefore nothing should be left for guesswork if a profit is to be realized," D. L. Mackintosh declared in concluding his talk on "Figuring the Selling Price of Meat." Selling price is determined by cost of the material, overhead, and profit, he pointed out in discussing a hypothetical case.

MEAT CONSUMPTION LOW

"Meat is a wholesome, healthful, economical food that should be made the basis of our diet," Dr. C. W. McCampbell declared in his talk Tuesday afternoon. He explained that meat consumption is relatively low in the United States compared to many countries largely due to misinformation as to the effect of meat on health, an erroneous impression in the minds of many persons that meat is a costly food, and inadequate advertising.

Other speakers for the two-day session include Dr. Martha M. Kramer, Dr. J. Lowe Hall, Miss Eva M. McMillan, Miss Gladys Vail, Mrs. Besie Brooks West, and A. D. Weber, all of the college staff.

Unusual cuts for special occasions, information about lard, meeting the modern demand for smaller cuts, discussion on window and counter displays, what the college is doing for the retail meat dealer, and trading ideas on meat merchandising, are included on the Wednesday program.

CURRY FUND COMMITTEE TO PURCHASE 'SUNICGS'

Campus Organizations, Alumni and
Chamber of Commerce Cooperat-
ing in Raising Money

"Sundogs" has been chosen by the Curry painting fund committee as the painting to be purchased for Kansas State college, according to Dr. R. C. Langford of the department of education, chairman of the committee.

Various campus organizations and the Manhattan chamber of commerce are cooperating in raising the money for the painting. Mr. Langford urges those who plan to contribute to the fund to do so as soon as possible, as the committee hopes to complete its work March 15. Contributions should be sent to Dr. J. T. Willard, treasurer of the committee.

The KANSAS INDUSTRIALIST

Established April 24, 1875

F. D. FARRELL, PRESIDENT..... Editor-in-Chief
F. E. CHARLES..... Managing Editor
R. I. THACKREY, H. P. HOSTETTER,
RALPH LASHBROOK..... Assoc. Editors
KENNEY L. FORD..... ALUMNI EDITOR

Published weekly during the college year by
the Kansas State College of Agriculture and
Applied Science, Manhattan, Kansas.

Except for contributions from officers of the
college and members of the faculty, the articles
in THE KANSAS INDUSTRIALIST are written by
students in the department of industrial jour-
nalism and printing, which also does the me-
chanical work. Of this department Prof. C. E.
Rogers is head.

The price of THE KANSAS INDUSTRIALIST is
\$3 a year, payable in advance.

Entered at the postoffice, Manhattan, Kansas,
as second-class matter October 27, 1918. Act
of July 16, 1894.

Make checks and drafts payable to the K.
S. C. Alumni association, Manhattan. Sub-
scriptions for all alumni and former students,
\$3 a year; life subscriptions, \$50 cash or in instal-
ments. Membership in alumni association in-
cluded.



WEDNESDAY, MARCH 6, 1935

EXPERIMENT STATION REPORT

The seventh biennial report of the director of the Kansas agricultural experiment station has been distributed recently in printed form. Covering the period July 1, 1932, to June 30, 1934, the report deals with two of the most trying years through which the station has passed.

Two sections of the report are worth particular notice: a short section dealing with the station's relations to the recovery program, and a detailed record of the scope of the station's work during the biennium.

The station staff has been used extensively in the national recovery program. Numerous requests were made for information to be used in formulating various portions of the program as they relate to agriculture. It might be added that the experiment station was the only source, in some cases, where such information was available.

Not only were members of the staff consulted freely concerning the recovery program—as is true of virtually the entire college staff—but several members were loaned for varying periods to those responsible for the recovery programs.

There are listed the principal active projects carried on by the station during the biennium—95 of them. The tabular material, incidentally, gives a quick picture of the fields in which these studies are being made, the staff members making the investigations, and how the research is being financed.

Summarized statements of the several projects make it possible for those interested to obtain quickly an understanding of the scope of agricultural and home economics research at Kansas State college.

COSTS OF EDUCATION

An education in state universities and colleges of the United States costs less than in any other institution of higher learning, according to a recently published summary in the United States News, based upon a report of a study made by Dr. Walter J. Greenleaf, specialist in higher education of the United States office of education.

Nine months in any of 94 colleges and universities cost on the average \$376. In 55 of them a student may attend for that price or even less for the freshman year; but in 39 he has to pay more. In California, Connecticut, Delaware, Maine, Maryland, Michigan, Minnesota, Pennsylvania, Vermont, Virginia, Alaska, and Hawaii the price of a year's education ranges between \$500 and \$800.

An education in a denominational institution comes higher and is highest of all in privately controlled colleges and universities. Expenses in a co-educational institution are much lower than in a college for men or for women alone.

Kansas State college educational costs are even less than the co-educational state school average. Dean Mary Pierce Van Zile has estimated that a girl's education here may cost as little as \$285 and that \$340 represents a really good living level. None of these figures, of course, includes clothes, recreation, incidentals—items which must enter the expense account whether a person is

living in the bosom of the family or is earning his own living.

WHO STARE AT THE SIDEWALK

The campus philosopher was sitting in a car parked along the curb on Anderson avenue, studying passersby to beguile the tedium of waiting for a friend. "Strange," he mused, "that so many study their toes!"

Idly he began to count those who walked along, head dropped, staring at the sidewalk just ahead, except for brief moments when they met and passed someone. Not all were pre-occupied professors, by any means; some were young collegians hurrying along, but apparently engrossed in cement blocks. Those who passed by, chest uplifted, looking to right and left at landscape, people, cars, or up into the trees to spot the bird which had made the peculiar whistle, were in the minority, though the day was gorgeous—one of these balmy days in a Kansas spring.

Perhaps the world's creative thinkers have been among those who stared at the sidewalk. But somehow one pities them as they plod along impervious to simple, sensory joys of the out-of-doors.

MUSIC

Voice-Trio Recital

Both those who feel cheated unless they get from a musical program some emotional reaction and those who demand first and last technical performance must have left the college auditorium last Sunday well satisfied by the program of Miss Hilda Grossmann and the college trio.

Miss Grossmann's rich contralto voice was at its best. Her two opening numbers—Lascio ch'io Dianga from Handel's "Rinaldo" and Bach's "O Haupt voll Blut und Wunden"—were especially lovely. The Bach number she sang with such deep religious feeling as to bring tears to one's eyes. It was a fitting choice for the last Sunday before Lent.

Her second group—four German numbers—gave still further opportunity to show her dramatic ability: "Er ist's," a lilting song of spring, and "Verborgenheit," a romantic song, both by Wolf; Trunk's "Das Hemd," an amusing, rapid lament for a dainty chemise carried away down the stream; and von Othegraven's "Hochzeitslied im Maien," a lyric number, which had been sent Miss Grossmann by a German friend visiting in the Fatherland.

The final group was in English and ended with a really thrilling number, Kountz' "Cossack Love Song." Phlegmatic indeed any person who failed to get the exhilaration and passion of the music from Miss Grossmann's singing of it.

Miss Clarice Painter's work as accompanist was as usual excellent, contributing in no small measure to the success of Miss Grossmann's program.

The three numbers of the college trio—Richard Jesson, pianist, Max Martin, violinist, and George Henry, cellist—were also most enjoyable. Haydn's "Trio in C Major" opened their contribution to the afternoon's entertainment. Modern Russian selections made their second group: two movements of Tcherepnine's "Trio, Op. 34," and the last movement of Gretchaninow's "Trio, Op. 38."

The Russian trios were fresh, interesting, unhackneyed. The Tcherepnine trio was the more bizarre of the two with its dissonance, its Oriental flavor. Both in technique and in subject matter the college trio's contribution to the hour of music was artistic, thoroughly enjoyable.—H. P. H.

WHERE THREE STATES MEET

Ten decades ago, federal engineers linked their way west from the 100th meridian, swung their surveyor's bob and pushed into the sand the humble stone at the intersection of two lines where three civilizations were to be.

The influx into Kansas territory set in before the Civil war. Bison were falling before the needle gun of Buffalo Bill. The clippings cowboy ranged the Texas longhorn as New Mexican adventurers threaded the Santa Fe trail. The spirit of Kansas was not alone in the roar of the rifle and six-shooter nor the crown of the sombrero nor the crack of the plainsman's whip. The spirit was in the hearts of the patriots who made their stand at the foot of Mount Oread

and on the banks of the Marais De Cygnes.

Even as the stone rolled into its bed, argonauts of the new world were tracing the dry prairie rivers and chiseling trails up the mountain gorges to the backbone of the continent. Leadville, Montezuma, and Silver Cliff clicked swiftly into existence as streams of molten riches flowed from furnace and crucible. A new commonwealth emerged from the frenzy and turmoil of mining camps and Colorado took its place in the sisterhood of states.

A generation ago, 50,000 feverish, milling folks gathered in tense expectancy along the southern border of Kansas—no one has fully explained why. A legend says that a thunderbolt cleaved an oak in southeastern Oklahoma and from the cleft tree stepped Pushmataha, an Indian chief, full grown and caparisoned for

and Arizona, it is expected that the peel and pulp by-product will take on considerable local importance.—The Country Home.

IN OLDER DAYS

From the Files of The Industrialist

TEN YEARS AGO

The first annual athletic recognition chapel was held.

Prof. L. E. Call, agronomy department head, was appointed acting dean of the division of agriculture by F. D. Farrell, acting president of the college. President Farrell was dean of the agricultural division until President W. M. Jardine received an appointment as secretary of the United States department of agriculture.

The Aggie relay team placed second in a meet at the University of Illinois at Urbana, and M. L. Sallee of Long Island placed fifth in the

Economic Depression and the Engineer

R. A. Seaton

The engineer is now turning his attention to the problems of the economic distribution of the products of industry, the control of the operations of industry as a whole in a planned economy, and the elimination of industrial cycles and of economic depressions such as the one from which we have been suffering for the past several years.

Whatever may be the part that is to be played by the engineer in the solution of these larger economic problems of industry and of society, it is certain that his interest in these problems is very real, and he is now devoting much time and study to them. Technical journals and engineering society meetings for several years have been devoted in large part to discussions of these problems. While they do not fall exclusively within the field of the engineer, it would appear that his fundamental training in the scientific approach to his problems and in clear and logical thought processes, as well as his experience in the organization and administration of vast industrial enterprises, may well justify the hope that he can make a considerable contribution to their solution.

Ours is a technological civilization, dependent to an ever increasing degree upon professional engineers. The height to which our economic life can be developed, and the very maintenance of our civilization itself, depend largely upon the caliber of the men who follow the profession of engineering, and the efficiency and understanding with which they carry on their activities. It is the function of the engineering colleges to give to young men preparing to enter upon professional work in this field the best possible training and inspiration for the difficult and important tasks they will be called upon to perform.

peace and war. On April 22, 1889, a rifle shot released the fretful hordes on the border and on the evening of the first day Oklahoma proudly stepped forth fit to function as a sovereign state.

Today, standing above the uncut stone, buried in the sand and surrounded by bunch grass and sage brush, one feels the surge of adventure and mountain courage that moves in from the deep canyons and lofty peaks of the Silver state; he experiences the fervor and idealism of the land of the Sunflower; and thrills at the fire and genius of Soonerland. Dust storms may blow, the sun may beat down with pitiless rays, blizzards may moan, tornadoes may writhe and twist, floods may crash through gorges, lightning flashes may light up lonesome dunes and arroyos, the Tri-State Rock, itself, may disintegrate, and the three states, the corners of which it marks, may go the way of other political units, but the truths, principles, and ideals for which it stands will persist long after the granite mountains decay and fall into geologic ruin.—James Willard Mayberry in the Kansas Magazine.

GRAPEFRUIT FOR COWS

Florida has just found out what to do with grapefruit peels. Heretofore refuse from grapefruit canneries has been thrown away. But smart Florida animal husbandmen dried the pulp, peel, and seeds to a water content of about 10 per cent and fed them to cattle. The cattle not only relished this new feed but waxed fat, sleek, and healthy. When dairy cows were fed grapefruit refuse, their milk flow increased.

With increased cannery and wine-making operations in the grapefruit regions of Florida, California, Texas,

1,500 meter run against 15 contestants. Those on the relay team were A. I. Balzer, Inman; Emil von Riesen, Marysville; Paul Axtell, Argonia; and Ralph Kimport, Norton.

TWENTY YEARS AGO

A correspondence "round table" to act as a clearing house for ministers of rural communities was being planned by the Rev. Walter Burr, rural service expert in the extension division.

Lieutenant Roy A. Hill, commander of cadets, organized a rifle club for Manhattan business men. The government furnished rifles and ammunition and the club used the college outdoor range for practice.

The Aggie track team won two seconds and two thirds in the track meet in convention hall, Kansas City. Joe S. Weaver of Concordia won second in the 880-yard run; James W. Crumbaker, Onaga, second in the 440-yard; H. H. Frizzell, Cherokee, Okla., third in high jump; E. H. Smith, Kansas City, Kan., third in shot put.

THIRTY YEARS AGO

Invitations were mailed for the wedding of Edith Perkins, '00, and Fred Myers, senior in 1901. The wedding was to be at South Pasadena, Calif., in early March.

A grand concert at the college auditorium was to be given March 16 by the choral union, assisted by the Tatarax glee club, the college orchestra, Professor Valley, and other soloists. In the afternoon the five cadet companies were to give a special drill, followed by a free band concert in the auditorium. It was intended to make the concert an annual event. Inducements to out of town visitors were offered—one railroad company granting reduced fare

to persons within 50 miles of Manhattan.

FORTY YEARS AGO

John Stingley, '94, was teaching school in the Washington district up the Blue.

Walter J. Towne, third-year in 1891-2, was a member of the graduating class at the Rensselaer Polytechnic institute, Troy, N. Y.

The legislature abolished the office of state veterinarian and authorized the live stock sanitary commission to call upon Dr. Nelson Mayo, professor of physiology and veterinary science, for advice.

FIFTY YEARS AGO

Among college improvements planned for the next biennium were the president's house, costing \$4,000; a new experimental barn, \$4,500; a gas machine, \$750, for the main building; and steam heating apparatus for the laboratory.

LOCOMOTIVE

D. G. Bridson in Poetry

Lovely panther, silver-sinewed,
Glossy-coated, muscle-knotted—
Stretch your paws in lazy tension,
Bare your panther claws intently,
Let your rippling stealth of shoulder
Smile to move.

Gird the power in your panther
Haunches. Panther grace of living
Reassume with every heart-beat.
Creep with panther cunning slowly
Onward, outward to your journey.
Pad upon your loping, galloping,
Hurling journey to the forests.

Gleaming panther, let the taut
Energic throb of life be in you.
Flex your rippling strength of shoulder.
Snarl your howl. Go your way.

SUNFLOWERS

H. W. D.

HAIR MINDED

Perhaps the fact that I have no hair to speak of—except a fetching half-halo waning down behind my ears—makes me this way; but if the crowning glory of woman's conversation continues to be hair, I'm going mad—and without many regrets on my part.

I challenge any two or more women within motoring distance of a beauty shoppe to chatter aimlessly for ten minutes without somebody's breaking out with information relative to her latest permanent or her next finger wave. I challenge any woman to visit a beauty shoppe without explaining to everybody all through the next meal that her hair has yet to be combed out and fluffed a bit before it looks like anything. I thirdly challenge any gal to have her hair cut three consecutive times in the same style or manner, if style or manner is what it is that women's hair-cuts suffer from.

I could go on challenging for three or four columns and a half and not bore you as much as I am bored every day in every way by hair talk. Honestly and truly, I suspect myself of considerable lack of balance on the subject. If I don't hit upon something that will serve as a corrective pretty soon, I'm sunk in insanity. Listen!

"I had my hair done by that 'Shorty' fellow in the first chair at the Elite again last Thursday" (Bear with me friends, I'm quoting from my own speech in a nightmare suffered not a week ago), "and he again got the hair line too low in front of the left ear. I suppose I'll have to give him one more chance, boys, but if he does it again I'm going back to Mac. The trouble with Shorty is he's let his success go to his head, and he doesn't give the time he should to hair like mine, which is rather dry and—well, fragile, I guess you'd say. Wouldn't you say so, Arthur?"

"Well, anyway" (I'm still quoting, ladies and gentlemen of the radio audience). "I wouldn't go back to Shorty's another single time if I didn't feel so sorry for him on account of the way his wives have been leaving him recently. That Isabel person—she's his fourth, they say—lived with him only a month and then deserted him—just disappeared. Isn't it a shame? But anyway, he's got to give me more time, and not be so rushed, for my hair is on its last legs, and I can't afford to have it handled in any way but the safest and most delicate—er, well—way."

End of quote. I'll leave it to you, friends. Am I, or am I not, approaching a collapse?

AMONG THE ALUMNI

Dr. T. M. DeVries, '30, is practicing veterinary medicine at Altoona, Pa. His address is 855 Thirty-fourth street, Altoona, Pa.

Oscar Reece, '31, is county agent of Rice county. He is located at Lyons. Recently Mr. Reece taught vocational agriculture at Silver Lake.

Delmas E. Price, '31, is traffic manager of the Hogan Milling company in Junction City.

Alice V. Adams, '31, is teaching home economics and Latin in the Little River high school.

Wilbur Copenhafer, '32, is forester on the Jewell county soil erosion project. His address is in care of the civilian conservation corps, company 1778, Lebanon.

Sophia May Shirley, M. S. '32, is home adviser for Rooks and Graham counties. She lives at Stockton.

Mary (Sayre) Dale, '32, is assistant supervisor of the government meat canning factory in Topeka. Her address is 1019 Polk street, Topeka.

Harold L. Anderson, '33, is coaching and teaching mathematics and science at Woodston.

Virginia Peterson, '33, is teaching history and civics in the Ellsworth schools.

Harold Love, '33, is homestead rehabilitation adviser for Stevens county. He lives at Hugoton.

Charles E. Fisher, '34, is an assistant in the agronomy division of the Texas agricultural experiment station, College Station, Tex.

E. Lynn Kay, '34, is teaching mathematics, music, and athletics at Anthony.

Elizabeth Pfuete, '34, is an instructor in the nurses' training school of the Illinois Masonic hospital in Chicago.

Kate Elizabeth (Zimmerman) Grigsby, '00, is living at Solvang, Calif.

Lawrence P. Wehrle, '14, is assistant entomologist at the University of Arizona and at the Arizona agricultural experiment station. His address is 1130 East Helen street, Tucson, Ariz.

Dr. Glen A. Riley, '16, lives at 4110 East Fifty-seventh street, Maywood, Calif.

W. W. Wright, '17, is superintendent of the Highland Park school in Topeka. He and Dorothy (Zeller) Wright, '27, live at 2700 Michigan, Topeka.

Dr. F. K. Hanson, '19, Marquette, Mich., has been elected first vice-president of the Michigan State Veterinary Medical association.

Samuel Willet Honeywell, '20, is farming at Horton, Mich.

Harriett Grace (Nichols) Donohoo, '98, lives at 1505 Avalon street, Los Angeles, Calif.

P. McDonald Biddison, '04, is a consulting engineer in Dallas, Tex. He owns his own firm. His address is 3517 Purdue, Dallas, Tex.

A. F. Yeager, '12, is chairman of the department of horticulture and forestry at the North Dakota agricultural college. His address is 1213 Eleventh avenue N., Fargo, N. D.

Paul Mize, '14, is teaching vocational agriculture in the Bonner Springs high school.

Earl Ramsey, '16, is principal of the Filer rural high school at Filer, Ida.

Dr. C. G. Libby, '18, is temporarily engaged as a bureau of animal industry inspector at Atwood.

M. S. Winter, '21, is an automobile dealer in Garnett.

Sylvester J. Coe, '22, is a field man with the P. H. Albright Farm Loan company of Winfield. He and Julia (Caton) Coe, f. s. '23, live at 820 East Tenth street, Winfield.

Mabel A. Murphy, '23, is teaching piano at the Oklahoma College for Women, Chickasha, Okla.

Irwin L. Hathaway, '24, is assistant professor of dairy husbandry at the University of Nebraska. He and Pearl (Boyd) Hathaway, '26, lives at 3727 Apple street, Lincoln.

C. Earl Kielhorn, '25, is farming and feeding cattle. He and Jeanette (Stitt) Kielhorn, f. s. '23, live at Cambridge.

Dr. Walter Wisnicky, '26, state

veterinarian of Wisconsin, was elected first vice-president of the United States Live Stock Sanitary association at its annual Chicago meeting in December.

Cula Baker, '26, is home service director of the Kansas Gas and Electric company, Newton.

Lawrence E. Best, '27, is county highway engineer in Daviess county, Mo. His address is Pattonsburg, Mo.

Harold D. Arnold, '28, is superintendent of schools at Paradise. Mr. Arnold expects to complete work for a master's degree at the college this summer.

Beulah F. Shockey, M. S. '29, is an associate professor in the department of household arts at Oklahoma A. and M. college, Stillwater.

Karl H. Pfuete, '29, is a doctor of medicine at the Gorgas hospital, Ancon, Panama Canal Zone.

Silas S. Bergsma, '29, is teaching vocational agriculture in the Howard high school.

James W. Schwanke, '30, is a statistical engineer with the Commonwealth Edison company of Chicago. He lives at 3742 Maple Square avenue, Chicago.

Marie Insley, '31, is superintendent of nurses at the Methodist hospital in Scottsbluff, Nebr.

Loyal J. Miller, '31, is working with the Kansas emergency relief committee. He is homestead rehabilitation advisor at Washington.

Mary (Woodward) Lockwood, M. S. '31, is teaching in Oklahoma City, Okla. She lives at 311 Harrison avenue, Oklahoma City.

Marvin O. Castle, '31, is teaching vocational agriculture in the Saffordville rural high school.

Millicent Aspelin, '32, is teaching home economics at the high school in Dwight.

Helen (Sproul) Brittain, '32, is teaching music in a third grade school, a junior high school, and a senior high school in Denver, Colo. Her address is 3809 Winona court, Denver.

Norris William Nelson, '33, is a homestead rehabilitation adviser at Stockton.

Louise Chalfant, '33, is teaching English and commercial subjects at Rose Hill.

Nevlyn R. Nelson, '34, is homestead rehabilitation adviser of Greenwood county. He lives at Eureka.

Ralph D. Gage, '34, is coaching and teaching science at Eldorado Springs, Mo.

MARRIAGES

HAWTHORNE—ELLING

Florence Hawthorne, Altus, Okla., and Carl E. Elling, '32, were married December 26. Mr. Elling is county agent at Scott City.

WALLACE—ERNI

The marriage of Camilla Jaybe Wallace, f. s. '34, Ness City, and Clarence A. Erni, Dighton, took place in January. They are living at Dighton.

NARRAMORE—GOW

The marriage of Lois Narramore, f. s. '34, Elmdale, and Douglas Gow, Wichita, took place February 3. Mr. Gow is associated with the Kansas Gas and Electric company.

BERT—SMALL

Dorothy Mae Bert, Neodesha, and Earl Small, f. s. '32, were married February 14 in Neodesha. Mr. Small is associated with his father in business and will be manager of the new Excello feed plant in Neodesha.

EDWARDS—NOBLE

The marriage of Betty Edwards, Eldorado, and Jack Tolle Noble, f. s. '31, took place February 17. Mrs. Noble has been employed as a case worker in the office of the Butler county poor commissioner. Mr. Noble is employed by the Skelly Oil company.

REED—BARNHART

The marriage of Thelma Reed, '32, and Ralph Davis Barnhart, '32, took place February 20 in Kanopolis. Mrs. Barnhart was assistant supervisor at the Charlotte Swift hospital in Manhattan. They will live in Leoti where Mr. Barnhart is in charge of rehabilitation work.

BURGESS—PINE

Fern Burgess, Emporia, and Charles A. Pine, '35, Coffeyville,

LOOKING AROUND

KENNEY L. FORD

Prof. F. C. Sears, '92, of the Massachusetts State college was honored recently by the New England Grenfell association. In recognition of his work for the mission in Labrador for the past five summers he was elected a director of the association.

Professor Sears also was elected president of the board of trustees of the Hillside school in Marlborough, Mass., recently. Mr. Sears was a member of the board for a number of years, then resigned several years ago. In January he went back on the board and was soon elected president. Hillside school is a home school for boys from five to fifteen years of age.

Jessie Campbell, '25, home bureau advisor for Kankakee county in Illinois, was elected president of the Illinois home advisers' association at their annual convention in Urbana recently.

Of Miss Campbell a Kankakee paper writes, "Although she came to Kankakee only three years ago, Miss Campbell has achieved remarkable success with the home bureau here despite curtailed funds. She is recognized as one of the most capable and energetic home advisers in the state."

were married February 9 in Emporia. Mrs. Burgess has been teaching home economics in the Coffeyville high school for the past three years. Mr. Pine is with Charles A. Haskins, consulting engineer, in Kansas City, Mo.

SMITH—FULTON

The marriage of Myrna Smith, '29, and Don Fulton took place February 11 in Topeka. Mrs. Fulton has been employed in the office of the Manhattan Montgomery Ward store. Mr. Fulton is proprietor of the Fifth street grocery store in Manhattan. Their address is 608 Moro street, Manhattan.

BIRTHS

Dallas Price, f. s., and Bernice (Machmer) Price, f. s., of Wakefield, are the parents of a daughter, Sandra, born February 25.

Keith Anderson, '29, and Eldelle (Johnson) Anderson, '29, of Cleburne announce the birth of a son, Don Wayne, on February 14.

John Chandley, '29, and Mrs. Chandley, 928 Haskell, Kansas City, Kan., announce the birth of a daughter, Barbara Ann, on February 14.

Frank Groves Honored

Frank Groves, Kansas State center, whose brilliant performance has been the high spot in an otherwise uneventful basketball season, is to be honored soon with a trophy designating him center on the 1934-35 All-Western basketball team. This recognition has been conferred by 60 leading college basketball coaches in America. Groves' name and photograph will be included in the Kellogg basketball guidebook. The all-star team will be honored Thursday night, March 14, at 6:45 o'clock, in a radio program over the N. B. C. network. Groves, a sophomore, was third among the leading scorers of the Big Six conference.

Wrestlers to Big Six Meet

Tryouts for the Big Six conference wrestling tournament to be held at Ames, Iowa, Friday and Saturday were being completed last night by Coach B. R. Patterson. A full team is expected to make the trip. Thursday night the Wildcats decisively defeated the University of Kansas team for the second time this season. The Kansas State team now has a record of three wins and three losses in conference competition.

Swimmers Lose to Nebraska

The Nebraska swimming team broke three Big Six records in defeating the Wildcats 66 to 18 Thursday at Lincoln. Pixley, Cornhusker distance man, swam the 440 in 5 minutes, 19.5 seconds, 15 seconds less than the Big Six record. He also won the 220-yard swim. Other conference records were shattered by Smith of Nebraska in the 200-yard

breast stroke with a time of 2 minutes, 46.2 seconds, and Lynde of Nebraska in the 50-yard dash with a time of 24.7 seconds. Kansas State men who placed were: Churchill, McNay, Gaume, Lassen, Blanche, Steele, Umberger, and Creed.

'Race Relations' in Forum

Dr. E. C. Richardson, of the Kansas Vocational school, Topeka, was scheduled to talk on "Race Relations" before the college Y. M.-Y. W. C. A. student forum Wednesday at 12:20 in the college cafeteria. Doctor Richardson is one of the foremost Negro educational leaders in America, according to Dr. A. A. Holtz, secretary of the Y. M. C. A.

W. G. Ward a Visitor

Prof. W. G. Ward of the rural engineering office of the extension division, now on leave of absence to serve as chief of the farm section of the federal housing administration, was visiting on the campus recently. Eugene Warner, '34, is serving in Mr. Ward's place at the college.

Attending Power Show

F. J. Zink, E. L. Barger, and June Roberts of the department of agricultural engineering are attending the thirty-second annual Western Tractor and Power Equipment show being held in Wichita in conjunction with the road show.

Professor Dean To Lecture

"Use of Blowfly Maggots in Treatment of Some Diseases" is the title of next Sunday afternoon's popular science lecture given in Fairchild hall at 3 o'clock. The speaker will be Prof. G. A. Dean of the department of zoology. He will show preserved specimens of the maggots and tell of their use in treating wounds and osteo myelitis as well as other diseases. This will be the last science lecture of the series.

Diapason on Recitals

The Diapason, official journal of the American Guild of Organists and of the Canadian College of Organists, comments in the February 1 issue on the Kansas State college series of organ recitals given during mid-year examinations. The five days' programs are printed therein, showing how this college softens "the harshness of examinations."

To Sell Stokers

Three unused stokers are to be sold by Kansas State college to the state penitentiary at Lansing and the state tuberculosis sanitarium at Norton. At a recent meeting the board of regents voted to sell the stokers for \$2,000 each, the price being determined by an appraising committee composed of Dean R. A. Seaton of the college, the engineer at the penitentiary, and the state architect, according to Charles M. Harger of Abilene, chairman of the board.

Television Reception Good

The television station of the electrical engineering department has received a phonograph recording of its signals from a person who received them in Illinois. One side told of his equipment and on the other was reproduced the television signal. The receiver said he obtained better signals from Kansas State than from any of many stations, some of which are much nearer to him.

Seven to Highway Commission

Seven students who completed their work in civil engineering at the end of the first semester this year are now employed by the state highway commission. They are: Voight Fisher, J. W. Frazier, Major Bliss, Glenn F. Egan, M. R. Royer, M. G. Seibel, and Victor Venard. Norman J. Sollenberger, who completed his work at the end of the first semester, has received a fellowship in the department of applied mechanics.

Four More Placed

Four Kansas State college graduates have been elected to high school teaching positions for the second semester as a result of the activities of the teacher placement bureau of the college education department. Esther Rockey, '31; Beulah Siddens, '28; William D. Fitch, '34; and Harold P. Walker have been assisted in obtaining positions in their specific fields.

RECENT HAPPENINGS ON THE HILL

The Y. M. C. A. Hi-Y extension team under the freshman commission will go to Blue Rapids today.

Dr. F. C. Gates of the department of botany and plant pathology gave a talk, "Trees and Shrubs in Winter," recently in Fairchild hall.

Chicago visitors wanting to chat with someone from Kansas State college can drop into the women's ready-to-wear department at Fields and see Helen Davis, art major of '33.

The deadline for manuscripts to be submitted for admittance to Quill club and for the Mirror, annual publication of Quill club, has been set for March 15.

New officers of the Horticulture club are: Harry Grass, La Crosse, president; L. C. Calahan, Abilene, vice-president; William Yerkes, Hutchinson, secretary-treasurer, and T. C. Stebbins, White City, program director.

Wes Fry, new head football coach, discussed next year's football possibilities last Thursday night at the freshman Y. M. C. A. meeting in Recreation center. The "Fourth Latch" quartet, composed of E. C. Hyatt, L. M. Mordy, D. V. Rector, and I. C. Yeo, sang.

Fire completely destroyed one top story room and its contents and smoke and heat damaged adjoining rooms at the Phi Kappa house Sunday night. A buffet supper was in progress when the fire was discovered. Property of Leonard Zerull, J. J. Winderlin, and Paul Habigher was burned.

The number of points necessary for cut privileges for students whose curricula require 15 hours a semester has been reduced by the council of deans from 32 to 30 points for each semester. The new ruling does not apply to students whose curricula require more than 15 hours a semester.

A graduate club meeting, at which officers for the new year were elected, was held recently in Thompson hall. New officers are: John Latta, president; Helen Roberts, vice-president; J. H. Whitlock, secretary, and S. M. Ahi, treasurer. Dr. and Mrs. Roy C. Langford were chaperons at the party which followed the meeting.

Yearbooks cannot be ordered after March 9, according to Spencer Wyant, editor of the Royal Purple. Four full color pages of campus scenes, pictures of faculty members of each division, individual pictures of the dean of each division, ten pages of snapshots, and special art work, are among the features of the 1935 Royal Purple.

Election of new officers for the spring semester has been held by the Athenian, Browning, Hamilton, and Ionian literary societies. The presidents of the organizations are: Athenian, Albert Boggs, Emporia; Browning, Edith McDaniel, Edson; Hamilton, Lawrence McIntyre, Burlingame; Ionian, Elizabeth Pittman, Fergus, Mont.

Officers of the Dairy club elected at a recent meeting are: L. G. Harmon, Hutchinson, president; W. R. Smittle, Columbus, vice-president; E. L. Morgan, Ottawa, secretary-treasurer; and E. L. Borgelt, Zenda, sergeant-at-arms. A new office, that of program chairman, was created and H. J. Scanlan of Abilene, was elected to fill the position. Plans for the Little American Royal next year were discussed.

Ten persons, representing four countries and more nationalities will be initiated into the Cosmopolitan club Thursday night. They are Louise Sklar, Morris Plotkins, Nelle Ruth MacQueen, and Mildred Stevens, all of Manhattan; George Anton, Lexington, Mo.; Dr. Fritz Moore, head of the modern languages department; Dorothy Diggs, Emporia; Salvador Gonzales, Guadalajara, Jalisco, Mexico; Gopal Singh Rathore, Calcutta, India; and Taihi Asami, Japan. The club has a membership of 50, including 15 foreign students.

WILDCATS' FINAL LOSS GIVES CYCLONES TITLE

LOSE TO NEBRASKA 28 TO 21 AND
TO IOWA STATE 39 TO 31

Oklahoma Can Tie with Kansas for
Second Place by Defeating Jayhawk-
ers in Two Remaining Games—Mis-
souri Fourth, Nebraska Fifth

Kansas State's basketball team completed the season by dropping two Big Six conference contests during the past week, the first to Nebraska at Lincoln 28 to 21 Saturday night and the second to Iowa State at Ames 39 to 31 Monday night which gave the Cyclones their first Big Six championship. The double loss for the final week gives the Wildcats a record of four victories in 16 conference games for the season.

Missouri's double victory over Kansas last week not only made it possible for Iowa State to win the Big Six conference by defeating Kansas State but erased any hope Kansas State had of gaining fourth place.

Nebraska closed its season by defeating Kansas State Saturday night. The victory gave the Huskers a record of three victories in ten conference contests. Nebraska held a 14 to 9 advantage at the half. The second period was featured by the Cornhuskers pulling into a 14-point lead and then Kansas State trimmed Nebraska's advantage as the contest drew to a close.

O. U.-K. U. MEET THIS WEEK

Iowa State's team wrote a brilliant finale to a successful season Monday night by defeating the Wildcats. The victory gave the Cyclones a record of eight triumphs and two defeats, and even if Kansas, second place team and defending champion, wins its last two games, Iowa State will take the championship. K. U. meets Oklahoma in Norman Wednesday and Thursday. Oklahoma can go into a tie with the Jayhawkers for second place by winning both games. All other conference teams have completed their schedules.

Before 3,500 fans, who began gathering an hour before the game was called, the Cyclones displayed some of their most brilliant playing of the season to capture the title.

Grabbing a 9-point lead before the Wildcats were able to find the basket in the first eight minutes of play, the Cyclones maintained a comfortable margin throughout the first half.

RAILSBACK STARS SECOND HALF

Opening the second half on the small end of a 20 to 12 score, the Wildcats, led by Railsback, put on a scoring spree which brought them within two points of the Cyclones, making the score, 27 to 25.

From this point the Cyclones waged a brilliant attack. With Fleming, flashy sophomore, leading the scoring, Iowa State rushed to an 11-point lead within a few minutes.

Railsback, Wildcat guard, who failed to find the hoop in the first half, came back inspired in the second and flipped in five field goals, three of which were made from behind the foul line.

Groves, Kansas State's star center, was put out of the game on personal fouls with only five minutes to play. The scores:

Kansas State—21			
G	FT	F	
Tellejohn, f	0	0	0
Thornbrough, f	0	0	2
Groves, c	0	0	0
Stoner, c	2	2	2
Railsback, g	0	0	2
Gilpin, f	3	2	2
Freeland, f	3	0	2
Mills, g	0	0	0
Totals	7	7	10

Nebraska—28			
G	FT	F	
Hale, f	0	1	3
Walquist, f-g	3	1	3
Sorenson, c	0	0	2
Parsons, g	2	2	2
Wildman, g-c	1	1	1
Whitaker, f	0	2	0
Baker, f	0	0	0
Morris, f	0	0	0
Totals	11	6	9

Kansas State—31			
G	FT	F	
Gilpin, f	2	1	2
Freeland, f	1	0	1
Groves, c	2	1	3
Railsback, g	5	0	2
Stoner, g	4	1	3
Totals	14	3	11

Iowa State—39			
G	FT	F	
Cowan, f	0	0	0
Cowan, f	0	0	1
Flemming, f	7	3	1
Anderson, f	1	0	0
Wegner, c	4	3	2
Holmes, g	2	2	0
Hood, f	1	1	1
Totals	15	9	5

Officials—Jack North, Highland Park, and Bill Johnstone, Iowa.

Big Six Basketball Standings

	W.	L.	Pct.	TP.	OP.
Iowa State	8	2	.800	322	274
Kansas	10	4	.714	467	368
Oklahoma	8	6	.571	467	464
Missouri	7	9	.438	455	497
Nebraska	3	7	.300	276	302
Kansas State	4	12	.250	477	549

*Denotes schedule completed.

FINAL GAMES

Tonight—Kansas vs. Oklahoma at Norman.
Thursday—Kansas vs. Oklahoma at Norman.

MORE THAN 100 REPORT TO FRY FOR SPRING FOOTBALL

Stanley Williamson, New Assistant,
Joins Staff—No Radical Changes
in System

Kansas State's student body and alumni, who have enjoyed basking in the spotlight of a Big Six football championship, may now turn their attention to the 1935 season with the opening of five weeks of spring practice.

One hundred one candidates, including 16 lettermen, last week reported for the first drill, 10 others have equipment reserved for them, and between 30 and 40 others are expected to report soon to try for the 1935 Wildcat eleven. Those who have not reported include several lettermen and former squadmen who are engaged in track, wrestling, boxing, swimming, or other sports.

Head Coach Wesley Fry is well pleased with the spring turnout which he says probably will total approximately 150 before the spring session is over.

Fry has been joined by Stanley Williamson, his assistant, who arrived last week from Oklahoma City. Williamson was captain and center of the 1931 Southern California team which won the national championship by defeating Tulane 21 to 12 in the Rose Bowl. Following graduation Williamson spent one year as an assistant coach at Southern California, went from there to Classen high school at Oklahoma City where he succeeded Fry. After a year he went from Classen to Oklahoma City university a year ago to succeed Fry who then came to Kansas State.

Fry says he expects to make no changes in system just for the sake of being different. However, he is making two or three changes in fundamentals such as stance. Several of the formations from the successful 1934 season will be retained. The box formation probably will not be employed as much as formerly. Weaknesses in both forward and lateral passing, due largely last year to the introduction of a new shift and cadence, will be remedied this year, if possible, Fry declared.

Senate Votes Favorably

A building appropriation bill of \$1,081,000, including an appropriation of \$300,000 for a physical science building at Kansas State college, was passed by the state senate early this week by a vote of 36 to 3 and was sent to the house.

'The Truth About Vitamins'

Dr. J. S. Hughes, professor of chemistry, was scheduled to speak on "The Truth About Vitamins," in student assembly at 10 o'clock today in the college auditorium. H. W. Davis is chairman of the committee on public exercises.

Hospitality Week Postponed

Hospitality week, annually observed by the division of home economics, is postponed until May 3 and 4. At this time high school girls interested in home economics are campus guests.

Basketball Schedule

*Dec. 14—Kansas State 39, Kansas U. 35.	
*Dec. 18—Kansas State, 26, Kansas U. 40.	
Jan. 4—Kansas State 32, Oklahoma U. 38.	
Jan. 5—Kansas State 34, Oklahoma U. 47.	
*Jan. 7—Kansas State 27, Oklahoma City U. 36.	
*Jan. 8—Kansas State 34, Wichita U. 50.	
Jan. 11—Kansas State 14, Kansas U. 40.	
Jan. 14—Kansas State 25, Iowa State 29.	
Jan. 21—Kansas State 47, Nebraska 41.	
Jan. 26—Kansas State 37, K. U. 43.	
Feb. 1—Kansas State 27, Missouri 20.	
Feb. 2—Kansas State 32, Missouri 29.	
Feb. 3—Kansas State 31, Missouri 44.	
Feb. 9—Kansas State 20, Missouri 34.	
Feb. 15—Kansas State 22, Oklahoma 24.	
Feb. 16—Kansas State 31, Oklahoma 18.	
Feb. 22—Kansas State 33, Kansas U. 39.	
Feb. 23—Kansas State 30, Kansas U. 36.	
Mar. 2—Kansas State 21, Nebraska 28.	
Mar. 4—Kansas State 31, Iowa State 39.	

*Indicates non-conference.

ARTIFICIAL LIGHTING GETS TURKEYS TO HIGH MARKET

'STIMULATION OF SEXUAL ACTIVITY
MEANS EARLY EGG PRODUCTION'

Artificial illumination in winter compensates for sun—Enables breeder to market birds when prices are highest

Artificial lighting has been used for years to stimulate egg production in the domestic chicken. It has now been proved practical for the turkey breeder as a means of getting turkeys matured and on the market early when prices are high, H. M. Scott of the department of poultry husbandry declared in a recent talk at the college.

Recent experiments, Mr. Scott pointed out, demonstrate that artificial lighting stimulates sexual activity in wild birds through the effect of red rays on the spectrum of the anterior lobe of the pituitary gland. This endocrine gland in the brain in turn produces a hormone which activates the sex glands.

NORMAL RATE TOO SLOW

The turkey is the domesticated bird which most nearly approaches the condition of reproduction found in wild bird life. Normally under Kansas conditions, according to Mr. Scott, breeding flocks of turkeys do not reach sexual maturity until in March. Studies of monthly price tendencies of "western fresh killed" turkeys on eastern markets show that the highest prices have been paid in September or August for the past 10 years. It is impossible to mature turkeys that early when the breeding stock does not start to lay until March, the college specialists declare.

When days become shorter in the fall, it is evident that the amount of available red rays is reduced. Artificial illumination compensates for what the sun's spectrum fails to provide.

MORE EARLY EGGS OBTAINED

On December 1, 1932, the laying flock of turkeys at the experiment station was placed in an ordinary laying house for the first time. The day was lengthened by the use of lights. These turkeys started to lay on January 15. It was possible to market the turkeys from these early eggs during the first week in September.

Morning lights enabled the breeders to produce on an average approximately 29 more eggs than turkeys left outside through the winter and 32 more eggs than turkeys housed without lights. A part of the advantage of obtaining early eggs is lost by poor hatchability, however. Stimulating early egg production appreciably decreases the viability of the germ.

DR. BRUCE CURRY WILL BE NEXT ASSEMBLY SPEAKER

Well Known Theologist Is Visiting
Many Colleges and Universities

Dr. Bruce Curry of the Union Theological seminary in New York City will speak to Kansas State college students in an assembly program March 18. Doctor Curry is on a speaking tour of colleges and universities of America. He has been granted a leave of absence from his teaching at the seminary where he is a professor of practical theology in order that he might make this trip.

A deeper understanding of student

life and the perplexing new world in which the next generation must play its part are the themes of Doctor Curry's addresses. He was graduated from Davidson college and received his M. A. and Ph. D. degrees from New York university.

A. A. THORNBROUGH OFFERED ASSISTANTSHIP AT CORNELL

Prominent Senior Offered Post by G.
F. Warren, Roosevelt Adviser

Albert A. Thornbrough, Lakin, senior in the department of agricultural economics, has been offered an assistantship and scholarship in the agricultural economics department of Cornell university, Ithaca, N. Y., by Prof. G. F. Warren. Mr. Warren is head of the agricultural economics department at Cornell and an adviser



ALBERT A. THORNBROUGH

on economic questions in the Roosevelt administration. The scholarship is \$750 plus tuition for a college term.

Thornbrough has one of the highest scholarship ratings ever attained in the division of agriculture at Kansas State college and is prominent in campus activities. He is cadet colonel of the R. O. T. C., a member of Phi Kappa Phi, and is president of Scabbard and Blade, the senior class, and the agricultural association.

He was high individual at the International Livestock exposition in Chicago last fall. He was awarded the Danforth scholarship last fall for two weeks of study in the Purina mills at St. Louis and two weeks of recreation on Lake Michigan.

SPERRY TO TALK ON GEMS IN COLLEGE SOCIAL CLUB

Miss Hartman To Direct Music Part
of Program

A talk on "Gems," by Prof. A. B. Sperry, songs by a group of faculty members directed by Miss Ruth Hartman will comprise the College Social club program next Monday afternoon in Recreation center. Former members of the organization, including housemothers, ex-faculty members and wives, graduate assistants and their wives are to be guests. The two new members of the club, Mrs. M. L. DuMars and Mrs. E. J. Wimmer, will be in the receiving line.

PROGRESS OF KANSAS PRESS

F. E. C.

A new job printing shop has recently been established in Courtland by Frank Fudge, former editor and publisher of the Cuba Tribune.

Agricultural news is given good coverage in the Baldwin Ledger. A feature the editor of the Ledger farm page contributes is answers to farm questions in the form of news stories.

D. D. Bellamy, former publisher of the Athol Advertiser, has moved his printing equipment to Republic where he will publish the Republic Advertiser. Before publishing the Athol paper, Bellamy was for 16 years editor of the Stratton News in Nebraska.

Ray Breitweiser, owner and publisher of the Clay Center Dispatch,

improved his plant recently by having it remodeled and redecorated. New oak floors were laid, walls repapered, woodwork repainted and the front partition in the office moved back to afford more light and efficiency of operation.

Among numerous graduates of Kansas State who contribute farm and home news to small-town papers are Sherman Hoar, '28, and Ethyl Danielson, '25, for Barton county papers; J. A. Terrell, '30, Coffey county; W. J. Conover, '32, Ellis county; and F. D. McCammon, '32, Chase county. These people furnish to farm readers items of interest and value through their farm bureau columns. The way in which W. J. Conover uses local names in his column ought to please the editors.

TRACKMEN PREPARE FOR BIG SIX TRACK CARNIVAL

TAKE FIVE PLACES AT K. C. A. C.
MEET IN KANSAS CITY

Oklahoma and Kansas State Expected
To Head List in Fourteenth Annual
Indoor Meet Friday and Saturday in Columbia

Five places were taken by Kansas State runners in the K. C. A. C. indoor track meet Saturday night, although Coach Ward Haylett chose to leave his veterans at home to give them a rest for the Big Six track and field carnival in Columbia Friday and Saturday of this week.

The open 440-yard run was dominated by Kansas State men in the K. C. A. C. meet. Sweat, who placed second, was inches behind the winner. Peters and Worrell of Kansas State placed third and fourth, respectively. Redfield was fourth in the open mile run, and Dill finished third in the open 880-yard run.

The Kansas State mile relay team composed of Worrell, Eberhart, Peters, and Sweat was third.

Larry Schmutz, who finished his Big Six competition last year, entered the meet unattached and placed third in both the high and low hurdles. Schmutz was a member of the Kansas State shuttle relay team which set a new world record last year.

OKLAHOMA FAVORED

Glenn Cunningham, Kansas flyer, easily won the 1,000-yard special race in the comparatively slow time of 2:16.5.

Indications point to a duel between the University of Oklahoma and Kansas State college when the Big Six teams assemble for the fourteenth annual indoor meet this week.

With the Sooners slight favorites to win, almost any record may fall. Loss of Cunningham, middle distance star, and other stars, is expected to plunge last year's victorious Jayhawkers to near the cellar and drain the meet of color provided by Cunningham for three years.

Justus O'Reilly, Girard, middle distance star, and Bill Wheelock, Pleasanton, two-miler, are expected to collect a share of the points for Kansas State.

Potential record-breakers are Joe Knappenberger and Justus O'Reilly of Kansas State; Bartlett Ward and Floyd Lochner, Oklahoma, and Sid Cooley and Dick Waters, Missouri.

Lochner, Ward, Whit Cox, all of Oklahoma, are likely to take the mile run, 60-yard dash, and quarter-mile events. However, J. B. Nixon, Paradise, of the Kansas State team, is expected to press Ward closely.

Joe Knappenberger, Penalosa, Kansas State's hurdling ace who skipped the high timbers in 7.5 seconds for a conference record in the Kansas State-Missouri dual meet, is conceded first place in both hurdle events, barring accidents.

WILDCATS BEST TEAM RECORD

Kansas State, with victories this season over Kansas, Missouri, and Nebraska, has the best team record to date, while the Sooners remained idle without funds to support conference competition. The Cornhuskers defeated Iowa State.

Missouri is depending on Sid Cooley in the 60-yard dash. Cooley's best time of 6.3 is only one-tenth short of the Big Six record. Cooley's performance, supplemented by a possible victory for Dick Waters in the broad jump, and second place for Captain George Hardy in the mile, probably would boost Missouri into fourth after taking last a year ago.

Waters, who broke the broad-jump mark with a leap of 23 feet 10 1/4 inches this year, may nose out the 1934 victor, Bartlett Ward, Oklahoma, who jumped 23 feet 7 inches to take it in 1934.

Elwyn Dees, Kansas shotputter, is expected to win the weight event and account for the only Jayhawk first place.

The top-heavy favorite for honors in the pole vault is Nichols of Nebraska, who is expected to turn in the only Cornhusker first place, unless McDonald becomes eligible and takes the high jump over Bob Short, Tiger star, who hopped 6 feet, 3 inches in the outdoor meet last year.

Raburn on Leave of Absence

Prof. G. E. Raburn of the department of physics is on leave of absence this semester. He is living in Manhattan, however, and has charge of weather observations.

THE KANSAS INDUSTRIALIST

Volume 61

Kansas State College of Agriculture and Applied Science, Manhattan, Wednesday, March 13, 1935

Number 22

BIENNIAL APPROPRIATION BILL GOES TO GOVERNOR

IF APPROVED, TOTAL WILL BE \$1,948,500—SLIGHT DECREASE

Legislation Providing for New Physical Science Building To Replace Denison Hall Is Delayed Pending Federal Action

The legislature has appropriated \$1,948,500 for the support of the college, including the branch experiment stations, during the two-year period beginning July 1, 1935. If the bill passed by the legislature is approved without change by the governor, the total amount appropriated will be \$6,200, or 0.32 of one per cent, less than the biennial appropriation made in 1933.

The following table and statement, prepared by President F. D. Farrell, compares the biennial appropriations made in 1933 with those provided in the bill passed by the legislature in 1935:

	1933	1935
Salaries	\$1,022,200	\$1,022,000
Maintenance	525,000	500,000
Repairs and improvements	100,000	100,000
President's contingent fund	500	500
Laboratory equipment	30,000	30,000
Extension work	160,000	160,000
Southeastern Kansas experiment fields	6,000	6,000
South-central Kansas experiment fields	6,000	6,000
Northeastern Kansas experiment fields	12,000	12,000
Southwestern Kansas experiment fields	7,000	7,000
Veterinary research	20,000	30,000
Totals	\$1,881,700	\$1,873,500
All branch experiment stations	73,000	75,000
Grand totals	\$1,954,700	\$1,948,500

The above table shows reductions of \$200 in the appropriation for salaries and \$25,000 in the appropriation for maintenance and increases of \$7,000 for outlying experiment fields, \$10,000 for veterinary research, and \$2,000 for the branch experiment stations.

BUILDING BILL DELAYED

A building bill providing for a new physical science building to replace Denison hall at a cost of \$300,000 and for approximately \$700,000 worth of buildings at other state institutions, educational and charitable, passed the senate by a vote of 36 to 3. This bill was allowed to die in the house committee on ways and means on the understanding that the building needs concerned will be taken care of by the special session of the legislature that is expected to convene in May. It is expected that when the special session convenes it will be possible to ascertain positively whether the necessary buildings can be financed wholly or in part out of federal funds appropriated by the public works bill now pending in congress.

ACTION EXPECTED LATER

It is definitely understood that if it is impracticable to obtain federal funds, the building will be provided for out of state funds. This understanding was taken into account when the legislature at its final session fixed the maximum limit of funds that may be raised during the next biennium through the general property tax. The sum involved in the building bill, approximately \$1,000,000, is included within the maximum limit fixed.

The regular appropriation bill provides that the incidental and matriculation fees shall be continued at their present levels for another two years.

NINETY-EIGHT COUNTIES NOW HAVE AGRICULTURAL AGENTS

Elk Is Latest To Be Added, and Pottawatomie Is Next

Ninety-eight of the 105 Kansas counties now have farm bureau organizations and agricultural agents, it was announced here today by A. F. Turner of the college extension division.

Elk county is the latest to be added to the county agent list, Turner said, and the number will be brought to 99 within the week with the organization of Pottawatomie county. Officers of the new Elk county bureau are A. E. Clough, Elk Falls, president; N. R. Smith, Howard, vice-

president; and Clay Reams, Howard, secretary-treasurer. J. B. Hanna, who has been serving as temporary or emergency agricultural agent in Elk county, will be retained as the regular agent.

After the organization is completed in Pottawatomie county only Gove, Trego, Morton, Decatur, Phillips, and Wabaunsee counties will be unorganized.

MANY KANSAS STATE GRADS ON ASSOCIATION'S PROGRAM

Miss Tucker President of Group to Have Eleventh Annual Convention Here This Week

Kansas State college women figure prominently in the Kansas State Home Economics association which is to hold its eleventh annual convention this week-end on this campus. Five of the 12 council members are either faculty members or graduates: Katherine A. Tucker, '12, now of the

PLANS ALUMNI MEETINGS IN 20 SOUTHERN CITIES

KENNEY L. FORD ANNOUNCES A TENTATIVE SCHEDULE

Executive Secretary of Alumni Association To Tour South on Trip to Washington, D. C., Late This Month

Alumni meetings for graduates and former students of Kansas State college in 20 southern cities are included in tentative plans of Kenney L. Ford for a round trip swing through the south late this month and during the early part of April.

Ford, a member of the class of 1924, who is executive secretary of the Kansas State college alumni association, announced his plans today for a visit to alumni in the southern states while going to and returning



KENNEY L. FORD

from the annual meeting of the American Alumni council in Washington, D. C., April 4, 5, and 6.

Mr. Ford will travel in an automobile and alumni meetings will be held in many of the cities visited by him on the trip in addition to some 20 already included in his plans. Motion pictures of Kansas State's Big Six championship football team, in action during several of the 1934 games, will be shown at the meetings. Pictures of the Wildcat-Cornhusker game for the championship are included.

The tentative schedule of meetings includes:

Stillwater, Okla., March 20; Dallas, Tex., March 21; Houston, Tex., March 22; New Orleans, La., March 23; Baton Rouge, La., March 24; Jackson, Miss., March 25; Birmingham, Ala., March 26; Atlanta, Ga., March 27; Gainesville, Fla., March 28; Tampa, Fla., March 29; Miami, Fla., March 30; Jacksonville, Fla., March 31; Columbia, S. C., April 1; Raleigh, N. C., April 2; Washington, D. C., April 3 to 6, inclusive.

On the return trip Knoxville and Nashville, Tenn., April 8; Memphis, Tenn., April 9; Little Rock, Ark., April 10; and Fayetteville, Ark., April 11.

LIVESTOCK JUDGING TEAM TO THE FORT WORTH EXPOSITION

Prof. F. W. Bell and His Junior Squad in Wichita Today

Prof. F. W. Bell and his junior livestock judging team left yesterday for the thirty-ninth annual Southwestern Exposition and Fat Stock show held March 16-24 at Fort Worth, Tex., and today are doing practice work in Wichita.

Members of the team are A. C. Ausherman, Elmont; H. F. Dudge, Newton; L. W. Herring, Tulsa, Tex.; P. W. Ljungdahl, Menlo; J. E. McCole, Emporia; and H. A. Moreen, Salina. A. A. Thornbrough of Lakin, a member of this year's senior team, will go with the team.

Teams entering the contest are Texas Technological college, Lubbock, Tex.; Kansas State college; Louisiana State university, Baton Rouge, La.; Oklahoma A. and M. college, Stillwater, Okla.; the University

of Nebraska, Lincoln, Nebr.; the University of Missouri, Columbia, Mo.; the University of Wyoming, Laramie, Wyo.; Panhandle A. and M. college, Goodwell, Okla.

Professor Bell plans to have some practice work in Wichita and in Stillwater, Okla. The contest starts Saturday morning. The Kansas State team will be back Tuesday of next week.

J. S. HUGHES TELLS 'THE TRUTH ABOUT VITAMINS'

Chemical Structures Are Known and All Will Be Produced Synthetically, He Tells Assembly Audience

More than 90 per cent of the people would have good physiques and good health if they followed a diet abundant in the vitamins and enjoyed good heredity together with suitable environment, Dr. J. S. Hughes of the college chemistry department declared in student assembly last Wednesday in his talk, "The Truth about Vitamins."

Doctor Hughes gave a brief history of vitamin research, and explained the chemical content and structure of vitamins as they are known to science.

"The chemical structure of vitamins A, B, C, D, and G is now known," Doctor Hughes stated, "and C has been synthesized. We can look forward to the time in the near future when the others will be produced synthetically."

The word vitamin was coined 25 years ago by Dr. Casimir Funk to label a nitrogenous substance he isolated and used in the treatment of beri-beri cases. Vitamins are now recognized as essential to the diet of man, birds, and other animals as a nutritive force and for stimulating growth.

Doctor Hughes named the foods containing, in large quantities, the various vitamins. The greatest known source of vitamin C, a deficiency of which causes the nerve tissues and bone cells to decay, is parsnip greens. Other sources of vitamins are spinach, cod liver oil, mangoes, wheat germ oil, and citrus fruits. Doctor Hughes admitted he did not know why they should be located in such foods.

For the past three years the organic chemistry and elemental content of vitamins have been widely studied. It has been found that carotene, an amber colored substance which scientists have isolated, produces the same effect as the colorless pro-vitamin A. And the elements contained in either can be obtained by taking two whiffs of violet perfume and a shred of rubber inner tube.

Doctor Hughes illustrated his talk with slides showing the chemical structures of the vitamins and the effect diets deficient in them have on animals and man.

DR. PAINTER LECTURES ON PREHISTORIC INSECTS

Says Kansas Has One of Best Collections of Permian Era Fossils in World

Giant insects which swarmed over Kansas in prehistoric days were the subject of last Sunday's popular science lecture in Fairchild hall, the last of the season's series. Dr. R. H. Painter, college entomologist, took for his lecture title "Ancient Insects Imbedded in Kansas Rocks." Prof. G. A. Dean had been scheduled to speak but was ill with a cold.

One of the finest deposits of fossil insects of the Permian age, to be found in the world, has been discovered in central Kansas, he said. He told of one which resembles a dragonfly and has a wingspread of 29 inches. Doctor Painter illustrated his talk with lantern slides and specimens.

Doctor Painter came to the college in 1926 with a bachelor's and a master's degree from the University of Texas, and a doctor's degree from Ohio State university.

'GRAZING MANAGEMENT WILL SAVE PASTURES'

LIMITED GRAZING AND TEMPORARY CROPS IMPORTANT

Injury from 1934 Drouth Can Be Partially Controlled, According to A. E. Aldous, Who Explains Methods

Grazing management, which includes limited grazing and the use of temporary pasture crops, will be the most important factor in restoration of drouth stricken pastures, particularly in the western two-thirds of the state, A. E. Aldous of the department of agronomy declares.

The amount of injury from the drouth will be governed largely by six factors, some of which can be partially controlled, Mr. Aldous says. They are: type of vegetation, previous grazing management, intensity of drouth, climatic conditions this season, intensity of grazing this season, and type of soil and exposure.

Grazing management, he believes, will be the most practical method to use on all pastures where the surviving perennial forage plants are well distributed and there are no large barren spots. This method applies to most native pastures. These should be protected or grazed lightly. Density and vigor of vegetation should be governing factors.

"Areas where nearly all perennial pasture plants have been killed will require reseeding. This will be successful only in the eastern third of Kansas where adapted tame grasses and legumes are available," he declared.

MUST USE TEMPORARY CROPS

"Proper management of perennial pastures will necessitate the use of temporary pasture crops. These include the grain cereals, winter wheat, winter rye, winter barley, and oats. Oats afford the best spring temporary pasture crop. Cereal crops should be used only for pasture and in this way will provide forage until early in June, long enough to aid greatly in the restoration of most perennial pastures.

"Sudan grass, principal temporary summer pasture crop, will be used little this year, due to the high price of seed.

"Although the drouth has been most severe in western Kansas, Aldous believes there are sufficient surviving buffalo and grama grasses to revive if favorable conditions prevail this spring. There are no tame pasture plants that can be successfully used in western Kansas.

"Three methods can be used in re-seeding in the eastern third of Kansas, depending upon the nature of the land. Land which can be plowed should be broken out as soon as possible, seeded to oats early and then tilled sufficiently to prepare a good seed bed for fall seeding to an adapted grass or a pasture mixture.

"Land that cannot be plowed should be disked about April 1 if the soil is well supplied with moisture, and seeded to blue grass and clover or blue grass and lespedeza.

LESPEDeza FOR ROUGH LAND

"Land too rough for cultivation can only be seeded with Korean lespedeza. This legume is adapted only to the eastern third of Kansas. By seeding this legume during late winter the freezing and thawing of the soil will cover the seed sufficiently.

"Native bluestem pastures that were in thrifty condition last spring will not be seriously injured. This also may be true of the short grass pastures in central and western Kansas. Grasses in native pastures may appear to have a large number of dead plants, but favorable conditions this spring will revive a high percentage of the stand. This applies particularly to the bluestem region.

"Kentucky blue grass has been injured most and brome grass least of tame pasture grasses. Much of the blue grass in northeastern Kansas has been killed. Perennial pastures, in which orchard grass, timothy, red top, and meadow fescue were the principal plants, also have been greatly injured."

The KANSAS INDUSTRIALIST

Established April 24, 1875

F. D. FARRELL, PRESIDENT.... Editor-in-Chief
F. E. CHARLES.... Managing Editor
R. I. THACKREY, H. P. HOSTETTER,
RALPH LASHBROOK.... Assoc. Editors
KENNEY L. FORD.... ALUMNI EDITOR

Published weekly during the college year by
the Kansas State College of Agriculture and
Applied Science, Manhattan, Kansas.

Except for contributions from officers of the
college and members of the faculty, the articles
in THE KANSAS INDUSTRIALIST are written by
students in the department of industrial jour-
nalism and printing, which also does the me-
chanical work. Of this department Prof. C. E.
Rogers is head.

The price of THE KANSAS INDUSTRIALIST is
\$3 a year, payable in advance.

Entered at the postoffice, Manhattan, Kansas,
as second-class matter October 27, 1918. Act
of July 16, 1894.

Make checks and drafts payable to the K.
S. C. Alumni association, Manhattan. Sub-
scriptions for all alumni and former students,
\$3 a year; life subscriptions, \$50 cash or in instal-
ments. Membership in alumni association in-
cluded.



WEDNESDAY, MARCH 13, 1935

THE RURAL YOUTH MEETING

A group of older rural youth of Kansas will meet on the college campus the last three days of this month. The delegates will be, chiefly, representatives of the state's twenty-five or thirty county organizations of upper-age farm youth. Perhaps there may be a hundred young men and women present, since interested individuals as well as delegates of organizations are urged to attend. The meeting is sponsored by the Collegiate 4-H club of Kansas State college.

Why do these rural young people wish to meet for discussion of mutual problems?

The fundamental cause is man's gregarious nature, but just now there is a most noticeable tendency for rural young people between the ages of 18 and 30 to organize. In Iowa, Missouri, Ohio, Kentucky, and South Dakota they are forming community or county clubs to provide social diversion, forensic interests, group study, and various and sundry other services to themselves and to their communities. Virtually every middle western state is feeling this present interest in rural youth organization.

The movement, if it may properly be called that, is partly an outgrowth of hard times. Club meetings are the old-fashioned taffy pull and spelling bee, dressed up in 1935 style. These rural young people have come to realize that they can study and work and play together more cheaply and better than individually, especially since they have little ready money.

There are hundreds of such groups in the United States. They are coming together, as in Kansas, for state-wide meetings. When they meet here, a state association may result.

May it build upon existing organizations! Leaders in the movement will be wise if they direct their energies along routes already well-charted. They should build on the groundwork of the 4-H club, of vocational agriculture, and vocational homemaking. These institutions already have taken deep root. New growth, for the older young people, can be post-graduate work in these established projects.

EDUCATION A LA AMERICAINE

Other nationals don't think of U. S. Americans as being exactly different! In fact American egoism is, on most counts, quite the equal in intensity of the Englishman's or the German's or the Frenchman's. But when it comes to aesthetics or to higher education, the average American humbly disclaims any title to excellence.

A degree from Heidelberg, from the Sorbonne, from Oxford has power to conjure far beyond one from Kansas State college, or Chicago university, or even Smith and Harvard.

We Americans will say, defensively: "We believe in education of the masses and I suppose that makes really high standards impossible; but we'll stick to our democratic ideal anyhow, high standards or no high standards!"

Comes now a European's impersonal analysis of American colleges which would seem to say we can have both high standards and mass education.

"I am convinced that the superior-

ity complex of many Europeans as to the scholarship of American colleges is unjustified," he declared in a recent News Bulletin of the Institute of International Education. "The continental universities prepare the student for a definite and practical professional career, aiming to create a professional clan. The American college prepares for an intelligent participation in and enjoyment of life, a life made richer through a deeper understanding of the cultural and scientific inheritance of mankind.

"The good American college seems to me more liberal (in every sense of the word), more universal and human (in the sense of *universitas* and *humanitas*), more friendly and humane than the European university.

"Many American instructors have traveled far more extensively than European professors, many of them have spent years in Europe or the Orient," he continues; "European scholars visit American colleges frequently and their lectures help to familiarize the student with European points of view, whereas the European student generally is much more confined within national frontiers and totally ignorant of conditions in America."

He further comments on the intimate exchange of ideas and experiences between teacher and student and between students—unknown in Europe, on the way in which our students are trained to use libraries, and the superior organization of those libraries as well as the friendly helpfulness of librarians here.

"The campus, unknown on the continent of Europe, is itself an educating force of great importance, weaving scholarship and research most intimately into the rich texture of the varied activities of everyday life."

This writer shatters a common American illusion: "I find that students in American colleges work on the average harder than their European colleagues... especially in the women's colleges... where sports do not work so much havoc to the central position of serious study as they sometimes do in the larger American men's colleges."

Three faults he does find: lack of intellectual curiosity in many students; insufficiency of high school preparation "where teachers are often women with a B. A. degree filling a gap before marriage, whereas European secondary school teachers are mostly men with a Ph. D. degree or its equivalent"; and a stressing of mechanical fact finding and slighting the philosophical side of the arts, the humanities, and the social sciences.

RESEARCH NEEDED

Twenty years ago agricultural research was in a rut. It seemed to have reached the end of its resources in ideas, in initiative, and in equipment. Altogether too much of the so-called science of the time was the result of deductive reasoning instead of painstaking experimentation. It was a period of scientific sterility in agriculture and of accepting without question whatever was set down in the books.

But just when the high priests of agriculture felt that they had all the answers neatly catalogued and filed away, a new group of investigators rudely questioned the old dogmas. They demanded facts and not opinions; rigid tests instead of plausible theories. So thus, slowly at first but with ever-increasing velocity, modern agricultural science had its birth and its subsequent development. Today agriculture stands at the threshold of great new adventures. Its position may be likened to that of the manufacturing industries when mass production beckoned at the opening of the century. But with this probable difference: We are more likely to see diversification than huge mass production....

There is much that the new scientific approach to agriculture can do for us, not only economically but in providing the satisfactions of life for those who live outside the crowded centers. It can provide new foods and better foods, more beautiful surroundings and greater variety of things that are genuinely worth while in the scheme of life. There is much more to be gained for the country and for humanity in pursuing the vital basic studies than will come out of all the speeches and perhaps most of the legislation in congress. There is a great opportunity ahead, and the

time to start is now.—Country Gentleman.

AH, A GREAT RACE!

America is not a smoker's country, though Americans themselves are fairly heavy smokers and have an odd passion for lighting cigarettes throughout meals. It is surprising how many places are barred to the smoker in these states. It is a mystery to me how Americans can sit

country was immediately increased: clearly it is the home of a great race.—J. B. Priestley in *Harpers*.

IN OLDER DAYS

From the files of *The Industrialist*

TEN YEARS AGO

The twenty-fifth intersociety oratorical contest at the college was won by Frank Morrison, Ocheltree, of the Athenian literary society. With that victory the Athenians had the all-

Mankind Needs Science

F. D. Farrell in the *Kansas Stockman*

Science produces two major results. It improves our minds and spirits by increasing our understanding and it increases our ability to control the forces of our environment. If at a given time the public desires to control those forces so as to increase production, science makes that possible. If control for another purpose is desired by the public, science is equally useful—and necessary—for that purpose. The more science we have the greater our control of the forces with which we have to deal. Only when, and if, we have no need to exercise some control over the forces of nature shall we be able to dispense with science.

The more difficult our problems, the greater our need for the assistance of science in solving them. That need is greater when taxes are high and farm prices low than when taxes are low and prices high. The more complex conditions are the greater our need for the assistance of science in meeting those conditions. It is well known that conditions become more complex as the country becomes older and more populous. Mankind's need of science never was greater than it is right now.

A few commonplace questions will illustrate that need. What are the best ways to employ the several hundred thousand acres of Kansas farm land thrown out of ordinary use by the agricultural adjustment program? What means can be employed to preserve several hundred thousand acres of Kansas farm land that is seriously affected by soil blowing, and several hundred thousand additional acres damaged by water erosion? How may we conquer anaplasmosis, stockyards fever, Bangs disease, and other diseases of cattle?

How may we reduce the incalculable damage from recurring drouths? How may we increase the effectiveness of our control of chinch bugs, Hessian fly, pea aphid, "pestiferous" flies, grasshoppers, and other insects that invade our fields and attack our herds like devastating armies? How may we increase our control of the diseases that affect our poultry? How may we improve and control the conditions of breeding, feeding, and management that determine the productivity of our dairy cattle? What are the best methods of increasing the profits of beef cattle and sheep breeding and feeding in the constantly changing conditions involving feed prices, consumer demand, and marketing practices?

What of the home life of farm people? How may we provide for better heating and lighting of farm homes? How may the drudgery of the farm home be reduced? How may the farm family be better fed under present and prospective conditions in the countryside? How may the educational and recreational facilities of farm people be improved? How may their economic security be increased? What is to be done about their credit and taxation problems?

These are all important practical questions. Many other similar questions are pressing for solution. In the past such questions, if answered at all, have been answered by the use of facts discovered by scientific research and interpreted by scientific treatment. There is no reason to believe that the same procedure will not be followed in the future.

through film shows without smoking. In England we do not watch films; we puff smoke at them. All this comes, I suppose, of a deep-seated and very necessary fear of fire; the attitude of a man who lives in a dry wooden house, surrounded by tins of gasoline. In one respect, however, America is a smoker's paradise, for it is a country in which matches are showered upon him. I am not sure that this match business is not as good a criterion as any of a country's wealth and general attitude toward money. Thus in the Latin countries, where parsimony reigns and every tiny coin is important, there are no free matches, and when you buy a box of them you are making a very definite purchase. In England matches are cheap and plentiful and sometimes they are given away. In the United States the broad skies rain matches. After buying a few odds and ends at a drugstore, I tried to buy a box of matches, but the assistant at once offered me a cardboard box containing several dozen of those book matches. Take the lot, he said. My respect for this

time lead, having won six of the contests.

K. W. Given of Manhattan was to represent the college in the Missouri valley oratorical contest at Washington university, St. Louis. His subject was "The Crime Crisis."

One hundred Kansas high school students were expected to enter the fourth annual high school scholarship contest at Kansas State. The contest was supervised by Prof. V. L. Strickland of the department of education.

TWENTY YEARS AGO

More than \$250 was cleared at the athletic carnival given by the "K" fraternity in the college gymnasium. Boxing, wrestling, relay races, tumbling, apparatus work, pyramid building, and athletic dancing were given by the boys, and a wand drill and folk dances by the girls' gymnasium classes.

THIRTY YEARS AGO

The following Y. M. C. A. officers were elected: E. C. Farrar, president; W. B. Thurston, first vice-president;

B. H. Wilbur, second vice-president; E. L. Shattuck, secretary; J. R. Garver, treasurer.

Lorado Taft, noted sculptor, gave an illustrated lecture on sculpturing in the college auditorium.

The new residence of President Nichols, near the main entrance to the city park, was nearing completion.

FORTY YEARS AGO

David Lantz, professor of mathematics, was the nominee on the Temperance ticket for member of the city board of education.

"Cooking by Electricity" is the title of a story by Susan E. Johnson, '96, which appeared in THE INDUSTRIALIST. She stated that there were 12 companies making utensils for cooking by electricity, which began to be prominent in 1890, and expressed the hope that the luxury lay in the near future for all.

FIFTY YEARS AGO

Work had begun on the site of the new experimental barn.

There were two prosperous literary societies at the college. The Alpha Beta was open to "both sexes," and the Webster admitted "only gentlemen" to membership.

COOL AS THE WATER

Helene Magaret in *Harpers*

Cool as the water I would be,
Quiet at heart as snow,
Unchanging as the cedar tree.
I would not need to grow
Since Heaven's grace would come to me
And from my spirit flow.

Were there a lake that has no breeze,
A snowfall where no flake
Quails in descent, or cedar trees
No hurricane can shake,
Then I would go in search of these,
That tree, that snow, that lake.

SUNFLOWERS

By H. W. D.

PILLOWS AND PENANCE

As my contribution to the restraint of the Lenten season, I am going to give up boudoir pillows—if I can.

I don't know who it was that first decided the "mawster's" bedroom and the "mawster's" bed should be adorned with fetching little lacy pillows, and I'm glad I don't. Ordinarily I prefer not to commit murder, and I'd be moved to it if I ever found the interior decorator who originally suffered the delusion that a man's sleeping quarters should be subjected to such a colorful frizzling up.

I have no objection to the ladies of the land aggravating the femininity of their boudoirs by whatever trickery their imaginations can devise. It's all right for them. Trinkets, frills, furbelows, and all sorts of arty gimcracks are directly in their line of vision—if you want to call this sort of thing vision. But when it comes to my own individual bed being made up and then snowed under with pink and yellow and lavender pillowcases that have to be tossed to the four walls of the room every night before one can begin to fold back the spread, my vocabulary is tempted to run amuck and I'm sorry the screens are so hard to remove from the windows.

Consequently—and also realizing that the old moral fibre is toughened by self-denial and sacrifices and things like that—I am offering to lend gratis my colorful covey of refined boudoir pillows for the Lenten season to the first darling husband who feels that the atmosphere of his bedroom will be enhanced by them. And if he never brings a single one of them back it will be sooner than I hope, and also substantially rewarded.

I believe also I will sleep better knowing I've really given up something. There's nothing so soporific as realizing that the old will power is on the job and that one isn't utterly selfish in demanding comforts for himself, comforts which can't possibly be enjoyed by the man in the street. (Boudoir pillows would look silly in the street.)

I shall be glad to receive applications for my pretty pillows from any and all sissies who feel that their starved souls would palpitate to them. I can and will, deliver them instant; and I hope the supply is immediately dissipated.

Fame sometimes hath created something of nothing.—Thomas Fuller.

AMONG THE ALUMNI

John L. Wise, '86, is a grain merchant in Greenville, Ill. His address is 219 North Third street.

Mary E. L. Hall, '04, is on the Los Angeles, Calif., city board of education. She teaches biology in the Roosevelt high school. Her address is 362 North Shaffer street, Orange, Calif.

Edwin S. Taft, '08, is vice-president and secretary of the Day Coal company of Sioux City, Iowa. He and Elsie (Kratzinger) Taft, '08, live at 1715 West Sixteenth street, Sioux City.

A. E. Engle, '11, is teaching vocational agriculture in the Dickinson county community high school at Chapman.

Evalyn Annette Bentley, '12, is home demonstration agent for the extension service of the University of Arizona. Her address is 1220 North Euclid avenue, Tucson, Ariz.

Willits R. Worthington, '15, is an insurance salesman representing three fire insurance companies. He and Elizabeth (Traver) Worthington, f. s. '15, live at 809 Straley avenue, Princeton, W. Va.

Herman Henry Zimmerman, '18, is farming on route 2, Belle Plaine.

G. C. Anderson, '21, is district extension agent at the Idaho state house. He is at Boise, Ida.

A. E. Cook, '21, is teaching vocational agriculture in the Holcomb consolidated high school.

C. D. Guy, '21, is a salesman at Savonburg.

Edith S. Grundmeier, '22, is assistant professor of home economics at the University of Kentucky, Lexington, Ky.

A. P. Atkins, '24, is a farmer and stockman at Hitchland, Tex.

R. W. Russell, '25, is teaching vocational agriculture in the Marysville high school.

Fred G. Billings, '26, who is an engineer with the Continental Construction company, was recently transferred from Harper, Iowa, to Great Bend, Kan.

Dr. Earl F. Graves, '27, is a director of the Wisconsin state fur farm and is chief veterinarian of Wisconsin conservation. His address is Paynette, Wis.

Hannah B. Murphy, '27, is a dietitian at the Veterans' hospital in Wichita.

C. E. Morlan, '27, is working for Henry L. Doherty company at Odesa, Tex.

Eunice (Walker) Foot, '27, is living at 202½ Norton avenue, Barberton, Ohio.

F. L. Whan, '28, is assistant professor in speech at Iowa State college and is director of forensics. He and Geraldene (Cutler) Whan, f. s. '28, live at 255 Campus, Ames, Iowa.

Mary (Brookover) Boone, '28, is living on route 5, Eureka.

Carl O. Nelson, '28, is an accountant for the telephone company in St. Louis, Mo. His address is 4373 McPherson, St. Louis, Mo.

Elizabeth (Allen) Heinz, '28, lives at Flandreau, S. D.

Carl S. Channon, '29, lives at 820 North Washington, Wellington. He is homestead rehabilitation adviser there.

Mary Frances White, '29, is teaching English at Bartlesville, Okla.

Arthur Henry Hemker, '29, is a salesman of furnace and ventilating systems. His address is Elmgate hotel, Evanston, Ill.

Earl B. Ankenman, '29, is teaching physics, mechanical drawing, geometry, and general science at the Norton community high school. His address is 109 West Waverly, Norton.

Clifford N. Hinkle, '29, is an instructor in the agricultural engineering department of Purdue university. He is teaching farm motors and machinery. His address is 240 Chauncey avenue, West Lafayette, Ind.

Arthur Meyer, M. S. '30, and Edna (Findley) Meyer, '31, are living on a farm near Verona, Mo.

L. Maye Hoover, M. S. '30, is director of the University Commons at the University of Kentucky, Lexington, Ky.

James A. Matson, '30, is superintendent of the Edson consolidated schools.

Bernice Etha Loyd, '30, is teaching in the Oneida high school.

Victor Harold Meseke, '31, is a civil engineer with the Kansas state highway commission. His address is 117 East Main, Council Grove.

George Shelton Brookover, '31, is a cattle buyer for Oscar Mayer and company in Omaha, Nebr. His address is 2217 Howard street, Omaha.

Lyle C. Read, '31, is teaching mathematics and physics in Eureka.

Esther Rockey, '31, is teaching English, history, and dramatics in the high school at Sylvan Grove.

Julius William Kloepper, '31, is operating an automobile repair shop at Lancaster.

Louise Davis, '32, is the Y. W. C. A. secretary at Iowa State college, Ames, Iowa. Miss Davis did case work with the federal emergency relief administration in Tennessee last year.

Grace S. Morehouse, '32, is teaching the first, second, third, and fourth grades in a rural school near Emmett, Ida.

Edna Maxwell, '32, is teaching home economics, music, and typing in the Alta Vista high school.

John B. Hanna, '32, is assistant county agent of Elk county. He is working as a cooperative employee under the agricultural adjustment administration. He lives at Howard.

Marjorie LaShelle, '33, is doing clerical work at the federal land bank in Wichita.

Blanch Christensen, '33, is teaching home economics, English, and physiology at Reading.

Erwin Abmeyer, '33, recently became temporary supervisor of the northeast Kansas experimental fields. Mr. Abmeyer is agricultural agent in Douglas county. His new headquarters is in Atchison.

Mildred K. McBride, '33, is in charge of the home service department and is home lighting adviser for the Kansas Electric Power company at Emporia. She lives at the Y. W. C. A. in Emporia.

Ruth Kistler, '33, is teaching home economics, algebra, and physical education at Fall River.

Arthur F. Endacott, f. s. '34, 943 Ohio street, Lawrence, is attending the University of Kansas this year.

Dr. Addison Blair, '34, is practicing veterinary medicine in Mt. Sterling, Ill.

Evelyn Braden, '34, is teaching home economics and history in the high school at Andover.

Vaughn Combs, '34, is homestead rehabilitation adviser for the Kansas emergency relief committee. He lives at Russell Springs.

Lawrence Kelly, '34, and Ida (Comstock) Kelly, f. s. '33, live at 140 South Green, Wichita. Mr. Kelly is a homestead rehabilitation adviser.

Olyn D. Calhoon, '34, is teaching vocational agriculture at Hill City.

MARRIAGES

HARMON—ARMSTRONG

Florence M. Harmon, Wichita, and John Lawrence Armstrong, f. s. '30, were married March 2 in Wichita. Mr. Armstrong is with the state highway department in Topeka.

CHAPMAN—WHEATLEY

The marriage of Ellen Chapman, Keats, and James J. Wheatley, f. s. '33, was February 10 in Abilene. Mr. Wheatley is owner and manager of the city messenger service in Manhattan. They are at home in the Shafer apartments.

RIEKE—BOHNENBLUST

The marriage of Elizabeth Rieke of Kansas City and V. Howard Bohnenblust, '34, took place February 16 in St. Joseph, Mo. They are at home in Cameron, Mo., where Mr. Bohnenblust is plant manager for the Middle States Utilities companies.

MARK—MAYDEN

Announcement was made recently of the marriage on May 10, 1934, of Merle Mark, '33, Abilene, and Irl Mayden, f. s. '33, Manhattan, in Fayetteville, Ark. Mr. and Mrs. Mayden will make their home in Abilene where they will operate the "Snack Shop."

SCHWEITER—BRATZLER

Hildred Renetta Schweiter, '31, and Lyman Bratzler, M. S. '32, were

LOOKING AROUND

KENNEY L. FORD

The annual luncheon for former Kansas State college students, held in conjunction with the meetings of the Kansas Livestock association, was held March 7 at the Hotel Lassen in Wichita. Officers elected for the year were George Donaldson, f. s., president; Henry Rogler, '98, vice-president; and Taylor Jones, f. s., secretary-treasurer.

The following attended this meeting: A. D. Weber, '22, Manhattan; Fred Bangs, f. s., Madison; Floyd Casement, f. s., Sedan; Earl Kielhorn, '25, Cambridge; Ira A. Wilson, '08, Winfield; H. E. Moody, '22, Riley; Fred Carp, '18, Wichita; J. R. Nuttle, f. s., Eldorado; Colbert Huntington, '25, Eureka; Rodney McCollum, f. s., Eldorado; Will D. Austin, '10, Isabel; W. D. Haines, f. s., Manhattan; Harry White, f. s., Council Grove; C. A. Nuttle, f. s., Eldorado; B. H. Gilmore, '13, Eldorado; Chief Hauke, f. s., Council Grove; W. E. Gilmore, '13, Eldorado; Wayne Rogler, '26, Matfield Green; Dan N. Jackson, f. s., Coldwater; O. B. Burtis, '16, Hymer; Sam Krehbiel, '13, Moundridge; John W. Briggs, f. s., Protection; W. C. Meldrum, '14, Cedarvale; L. P. Stants, f. s., Wichita; Ralph Gfeller, f. s., Burns; George Donaldson, f. s., Greensburg; J. J. Moxley, '22, Manhattan; F. D. McCammon, '32, Cottonwood Falls; Tudor Charles, '29, Topeka; Taylor Jones, f. s., Garden City; G. P. Munson, '33, Junction City; F. L. Parsons, '32, Wichita; Homer J. Henney, '29, Manhattan; Henry Rogler, '98, Matfield Green; E. A. Stephenson, '28, Kingsdown; D. Z. McCormick, '21, Council Grove; Phil Evans, f. s., Kansas City, Mo.; Joe M. Goodwin, f. s. '14, Emporia; J. Harold Johnson, '27, Wichita; and J. W. Lumb, '10, Manhattan.

Additional messages of congratulation concerning the seventy-second anniversary Founders' day radio program over the national broadcasting system have been received recently from the following: George Wildin, '92, 207 Westinghouse building, Pittsburgh, Pa.; George A. Fitzgerald, f. s., 225 Dauphin street, Mobile, Ala.; N. F. Enns, '15, in care of the Morarilla Homesites, Fort Pierce, Fla.; Harry H. Hill, f. s., 3419 Wabash avenue, Kansas City, Mo.; Marvin Freeland, '34, Effingham; F. C. Myers, Independence; and Margaret E. Raffington, '24, 306 North Normal, Ypsilanti, Mich.

married March 2 in Wichita. Mrs. Bratzler has been assistant city chemist in the Shoemaker clinical laboratory of Salina. Mr. Bratzler is associated with the federal land bank in St. Louis, Mo. They are living at 830 Bellevue avenue, Elgin, Ill.

BIRTHS

Earl C. Richardson, '30, and Eva (Hixson) Richardson, '30, are the parents of a son, Robert Earl, born February 24.

Harold Lewis, '28, and Nancy (Carney) Lewis, '29, 2435 East Fourteenth street, Tulsa, Okla., announce the birth of a son March 4.

DEATHS

NOBLE

Oliver Ezra Noble, '97, died March 8 near St. John of a heart attack. Mr. Noble had been doing surveying work for the shelter-belt project and was in the field when stricken. He is survived by his wife, Bessie May (Locke) Noble, '98; a daughter, Bernice (Noble) Rankin, '25; a son, Philip, '26, and another son who is now attending college.

Grimes Is Forum Speaker

Dr. W. E. Grimes of the department of agricultural economics will talk on "Recent Economic Trends," at student forum today.

Three Assembly Programs

Three assembly programs are scheduled within the next week. The first will be Friday, March 15, at 9 o'clock, with Dean Justin presiding. Henry J. Allen, former United States senator, will speak at the assembly sponsored by engineering students

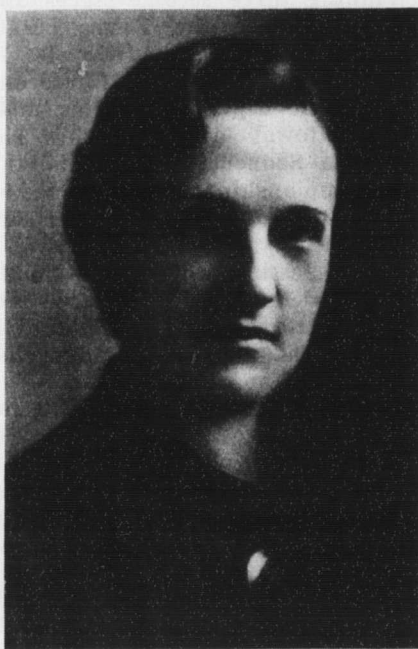
Saturday at 11 o'clock. His subject will be "Economics of the British Recovery." "Good Religion and Bad Religion" will be the subject of the talk by Bruce Curry, of the Union Theological Seminary, New York, at assembly on Monday, March 18, at 2 o'clock.

Students to Conference

Kansas State college will be represented by about 20 women students at the district conference of the Student Christian movement at McPherson college March 15, 16, and 17. Dr. Bruce Curry, New York City, will lead the main discussion groups of the conference which is expected to draw from 150 to 200 persons.

ALUMNI PROFILES

After changing from a course in mathematics at the University of Southern California to the general science division at Kansas State college, Mildred B. Thurow received her bachelor's degree in home economics from this institution in 1926, her master's degree in child welfare and eugenics here in 1929, and a Ph. D. degree in rural social organization and family life and household economics from Cornell university in 1933. She now is research specialist



MILDRED B. THUROW

on the advisory service for college women at the Merrill-Palmer school, Detroit, Mich.

Miss Thurow's activities in school centered around public speaking, literary society activities, home economics, and Y. W. C. A. At the end of her sophomore year she was granted sophomore honors, during her junior year was elected to membership in Omicron Nu and Pi Kappa Delta, and during her senior year was elected to Phi Kappa Phi and was granted senior honors. She is a member of Phi Omega Pi, social fraternity.

As a graduate student and research assistant at Cornell university, Miss Thurow was elected to membership in Sigma Xi, society for the furtherance of research in science, and Pi Lambda Theta, women's educational fraternity. Memberships in the American Sociological society, American Home Economics association, and the American Association for Adult Education have been granted her since her graduation.

To Industrial Arts Meeting

G. A. Sellers, E. C. Jones, and J. C. Olson of the engineering division faculty were in Kansas City recently attending a meeting of the northeast section of the Industrial Arts association.

Interior Decoration Lecture

Mrs. Maude Schollenberger, of the Schollenberger studios, Wichita, will speak on interior decoration at 11 o'clock Friday in A55. Anyone interested may hear her.

RADIO STATION KSAC

"The Voice of Kansas State"
580 Kilocycles

Features presented every day except Saturday and Sunday: 9:30 a. m.—health period conducted by L. P. Washburn; 9:45—daily sports review by R. I. Thackrey; 10:00—housewives' half hour; 12:30 p. m.—farm hour; 1:30 and 4:30—student programs; 5:30—college of the air.

Detailed programs for KSAC will be sent to you upon request. Address: Radio Station KSAC, Kansas State college, Manhattan, Kan.

RECENT HAPPENINGS ON THE HILL

Zeta Tau Alpha defeated Kappa Delta and Phi Omega Pi defeated Alpha Xi Delta in Friday's intramural basketball games.

The Women's Athletic association has dropped the Purple Pepsters, and added an Outing club and a Racquet club. Purple Pepsters will continue as a separate organization.

Maria Morris, of the art department, gave two talks recently, both on her trip to Europe—one to Blue-mont school children, the other to members of Quest club, a Manhattan women's organization.

Friday, March 15, is the deadline for all Mirror manuscripts. Manuscripts accepted for the annual publication of the Quill club also will be considered as qualification for membership in the organization.

Milton Pelischek, f. s. '34, under the pen name of Godwin Shellar, is the author of a novel, "A Morning Without Clouds," which is appearing in the Household Magazine. The first installment appeared in the March issue.

Unusual textiles, texture combinations, pictures, and accessories for use in small homes are being assembled by Rose Marie Darst's classes in interior decoration, for an exhibit on the second floor of Anderson hall during the home economics convention of the week-end.

Omicron Nu, honorary home economics organization, elected nine new members recently. The following were chosen: Alice Barrier, Eleanor Wilkinson, Neva Hilton, Pauline Vail, Helen Johnson, seniors; and Jo Elizabeth Miller, Fern Selby, Margaret Turner, Susan Beeson, juniors.

"Shakespeareta," a parody on "Romeo and Juliet," won for Delta Delta Delta sorority a large silver trophy at the annual Y. M. C. A. Ag Orpheum Saturday night. The cup was presented to Gertrude Arnold, Newton, manager of the act. This is the second consecutive win in Ag Orpheum for Delta Delta Delta. The winning stunt was a modernized version of the romance. Modern jazz and slang played a prominent part in the effectiveness.

COLLEGE WILL BE HOST FOR VALLEY WRESTLING MEET

Large Entry List Includes 23 Kansas State Men

Kansas State college will be host Friday and Saturday of this week for the Missouri Valley A. A. U. wrestling tournament.

Coach B. R. Patterson, who is in charge of arrangements, said the entry list early this week was greater than the total number of men participating in the tournament last year.

The list of entries included 23 Kansas State college squadmen and three students or former students who are entering unattached. At least 10 men from various Oklahoma cities are in the advance entry list.

Show Map Reading Films

All R. O. T. C. students at the college were given an opportunity to see a war department training film on map reading Saturday and Monday mornings at the Varsity theater. The picture demonstrated principles taught in the department of military science and tactics on the reading of maps.

Kerchner to Kansas City

Prof. R. M. Kerchner of the department of electrical engineering went to Kansas City recently to attend a meeting of the Missouri Valley Electric association.

Orchestra Program

The college orchestra directed by George Henry will give the Sunday afternoon program March 17. Beginning at 4:15 o'clock. It will be an hour program.

Station Receives Records

The college television station recently received two more records of their program as received by C. J. Knapp of Chester, Ill.

WILDCATS WIN ANOTHER BIG SIX CHAMPIONSHIP

NOSE OUT O. U. AND NEBRASKA AT TRACK AND FIELD CARNIVAL

Relay Team Clinches Victory by Plac- ing Second in Final Event on Pro- gram—Knappenberger Scores 12 of Kansas State Points

Kansas State college won its first Big Six conference track and field indoor championship and took a firm grip on first rank in all Big Six sports for the year by nosing out the Universities of Oklahoma and Nebraska in a hotly contested three-way battle Saturday night in Columbia. The meet was not decided until the mile relay, final event on the program. It was the third Big Six championship of the year to be brought to the Kansas State campus.

Coach Ward Haylett's trackmen made it a big week-end for Kansas State in Big Six sports. While the cinder scorers were in action in Brewer field house at Columbia, Coach B. R. Patterson's wrestlers tied for second place with Iowa State in the Big Six meet at Ames, and Coach C. S. Moll's swimming team placed third in the conference meet at Lincoln.

Kansas State piled up 33 points, with Oklahoma taking second place with 31½ and Nebraska third with 27½. Kansas scored 18 points, Missouri 15½, and Iowa State, 7½, in the Big Six indoor track and field carnival.

UP TO RELAY TEAM

The three-way contest of Wildcats, Sooners, and Cornhuskers came to the relay with Kansas State out in front with 30 points. Oklahoma and Nebraska were tied for second, each with 26½ points, and each clinging to a chance to take the title by winning the relay and putting the Wildcat quartet in last place in the event or shutting them out of the scoring altogether.

But the Wildcat relay team had another idea. The Sooner four-man team, composed of Janz, Bowlin, Moody, and Ward, took first place, but Coach Haylett's four quarter-milers, Sweat, Messick, Dill, and Nixon, finished second, and the three points they won were ample to put the Wildcats over the top for the first time in the 14-year history of the indoor meet.

Nixon, Kansas State anchor man, who lost to Ward of Oklahoma by only two strides in the 440 earlier in the evening, again opposed the Oklahoman in the relay. Both were anchor men. Nixon took up his duties a dozen strides behind Ward but narrowed the gap and was only two strides back when Ward broke the tape.

Saturday night's victory wound up the most successful season Kansas State has enjoyed in track. In addition to the conference title the Wildcats have to their credit dual meet victories over Missouri, Kansas, and Nebraska, and were undefeated in dual meets for the season.

TWO FIRSTS TO KNAPPENBERGER
It was Captain Joe Knappenberger, Penalosa, who won 12 of the 33 Kansas State points, breaking the tape for firsts in both high and low hurdles, and placing third in the 60-yard dash.

Bill Wheelock, Pleasanton, given only an outside chance to win the two-mile event, came through for a first place victory for the Wildcats.

Although he bettered by two-tenths of a second the conference record of 1:57.8 established by Glenn Cunningham, the best Justus O'Reilly, ace Wildcat middle distance man, could get out of the half-mile event was second place. Moody of Oklahoma established a new conference record of 1 minute, 57 seconds. O'Reilly beat out Hardy of Missouri to win the mile run for Kansas State.

Kansas State qualified men in only five events and only seven men, including the four-man relay team, counted in the scoring. Oklahoma qualified men in 11 events. The Wildcats failed to win a point in the field but came through with unexpected points in some of the track events.

Mile run—Won by O'Reilly, Kansas State; Hardy, Missouri, second; Funk, Nebraska, third; Lochner, Oklahoma, fourth. Time, 4 minutes and 24.3 seconds.

Shot put—Won by Dees, Kansas; Rist, Nebraska, second; Costigan, Iowa State, third; Lochner, Missouri, fourth. Distance, 48 feet, 7½ inches.

60 yard dash—Won by Jacobsen, Nebraska; Cox, Oklahoma, second; Knappenberger, Kansas State, third; Cooley,

Missouri, fourth. Time, 6.3 seconds. Pole vault—Nichols, Nebraska, and Whitmore, Iowa State, tied for first; Teter, Missouri, Burke, Oklahoma, and Lyon, Iowa State, tied for third. Height, 12 feet, 6 inches.

440 yard dash—Won by Ward, Oklahoma; Nixon, Kansas State, second; Graves, Kansas, third; Janz, Oklahoma, fourth. Time, 52.8 seconds.

High jump—Short, Missouri, and Wellhausen, Kansas, tied for first. Nelson, Oklahoma, third; Teter, Missouri, Miller, Iowa State, McDonald, Nebraska, and Remy, Oklahoma, tied for fourth. Height, 6 feet, 2 inches.

Two mile run—Won by Wheelock, Kansas State; Cleveland, Oklahoma, second; Robinson, Kansas State, third; and Beasley, Missouri, fourth. Time, 9 minutes and 49 seconds.

880 yard run—Won by Moody, Oklahoma; O'Reilly, Kansas State, second; Barrett, Oklahoma, third; Hardy, Missouri, fourth. Time, 1 minute and 57 seconds. (New conference record, former record by Cunningham, Kansas, 1 minute and 57.8 seconds in 1934.)

60-yard low hurdles—Won by Knappenberger, Kansas State; Chapman, Nebraska, second; Haight, Nebraska, third; Cardwell, Nebraska, fourth. Time, 7.1 seconds.

60-yard high hurdles—Won by Knappenberger, Kansas State; Haight, Nebraska, second; Lloyd Burke, Oklahoma, third; Cardwell, Nebraska, fourth. Time, 7.7 seconds.

Broad jump—Won by Pitts, Kansas; Waters, Missouri, second; Cardwell, Nebraska, third; Burke, Oklahoma, fourth. Distance, 23 feet, 5¼ inches.

Mile relay—Won by Oklahoma (Janz, Bowlin, Moody, Ward), Kansas State, second; Kansas, third; Nebraska, fourth. Time, 3 minutes, 30.1 seconds.

WRESTLING TEAM TIES FOR SECOND AT BIG SIX MEET

Sooners First with 36 Points, Kansas State and Iowa State Collect 18 Points Each

Winning three second places and one third place the Kansas State wrestling team, coached by B. R. Patterson, tied Iowa State for second place in the Big Six wrestling meet at Ames, Iowa, Saturday night. The Oklahoma Sooners won five individual championships and collected a total of 36 points to retain the conference title.

Ernest Jessup 145, Claude Young 165, and Dean Swift 175 placed second in their respective weight divisions for Kansas State by advancing through the consolation round. Pete Sherar, 118 pounds, placed third for the Wildcats.

Iowa State, which appeared a strong contender for the crown by sending seven men to the finals, found the going too tough against Sooner competition and ended the meet by tying for second place with the Wildcats. Each collected 18 points. Moore proved to be a one-man team for the Jayhawkers when he won the heavyweight championship and took 8 of the 13 points the Kansas team scored, to take fourth place. Nebraska placed fifth and Missouri sixth.

All but five of the defending champions were defeated. The summaries:

118 pounds—Carr, Oklahoma, defeated Yarger, Iowa State; Iowa State, 126 pounds—Cranston, Iowa State, and Fansher, Kansas State, drew.

135 pounds—Sisney, Oklahoma, defeated Smith, Iowa State.

145 pounds—Martin, Oklahoma, threw Thomas, Iowa State. Time, 2:10.

155 pounds—Kalpin, Oklahoma, defeated Ruggles, Iowa State.

165 pounds—Robertson, Oklahoma, defeated Young, Kansas State.

175 pounds—Brown, Oklahoma, defeated Matthews, Iowa State.

Heavyweight—Moore, Kansas, threw Thayer, Iowa State. Time, 8:48.

Second and third places, respectively, in the meet as determined in the consolation tournament:

118 pounds—Yarger, Iowa State, second; Sherar, Kansas State, third.

126 pounds—Fesler, Kansas State, third, draw for first and second.

135 pounds—Smith, Iowa State; Childs, Kansas.

145 pounds—Jessup, Kansas State; Thomas, Iowa State.

155 pounds—Noland, Kansas; Ruggles, Iowa State.

165 pounds—Young, Kansas State; Buck, Iowa State.

175 pounds—Swift, Kansas State; Matthews, Iowa State.

Heavyweight—DeBrown, Nebraska; Thayer, Iowa State.

SWIMMING TEAM BEATS OUT O. U. AND K. U. TO PLACE THIRD

Nebraska Sets Five Records and Scores 54 Points to Win

Kansas State college outstroked Oklahoma and Kansas universities to take third place in the Big Six conference swimming meet held at Lincoln March 9.

Nebraska set five new records and scored 54 points to win the championship. Iowa State set one new record and equaled another, scoring 32 points to place second. Kansas State annexed 11 points and Oklahoma and Kansas 10 each.

Following is a summary of the Kansas State placings:

400 yard free style relay—third (Umberger, Lassen, Brady, Creed).

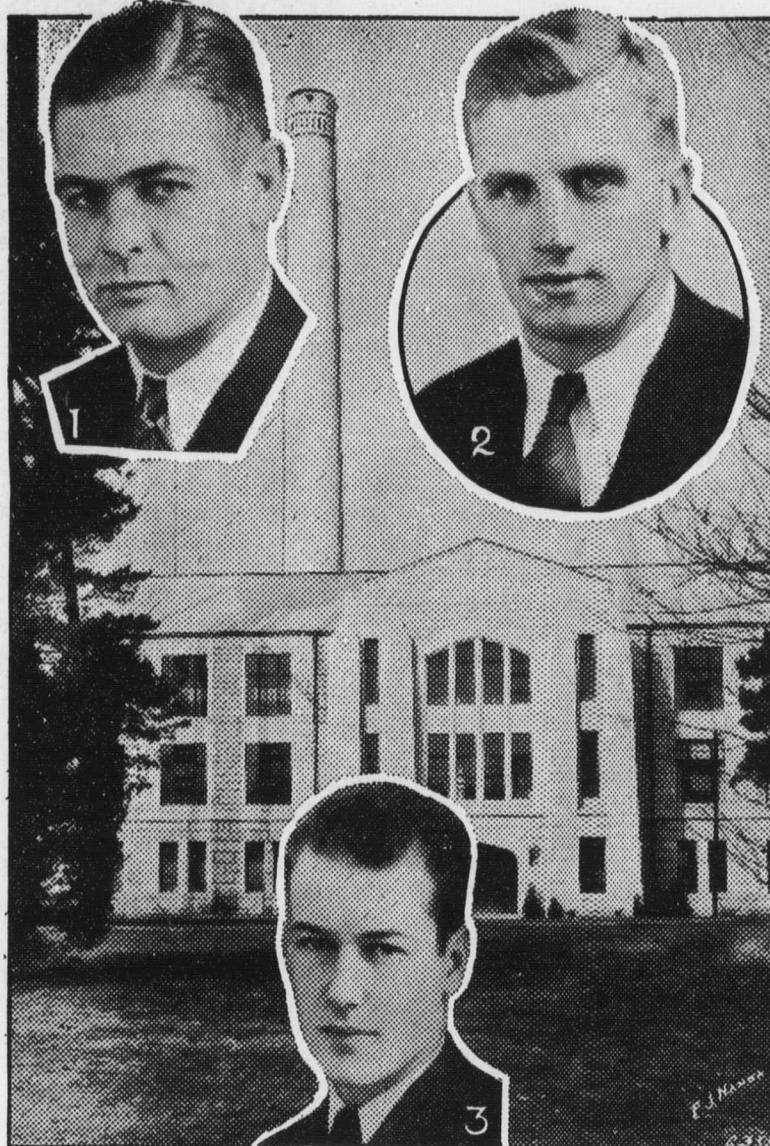
200 yard breast stroke—third, Blanche.

50 yard free style—third, Creed.

Fancy diving—fourth, Gaume.

Medley relay—fourth (Steele, Blanche, Umberger).

The Engineers Will Be Hosts at Open House



The more recent contributions of engineering to public comfort and safety will be on display at the Engineers' Open House March 15 and 16. Above is the college power plant, which will be inspected by visitors, and (1) Fred Benson, Grainfield, manager of St. Patrick's Prom; (2) Dean Swift, Olathe, manager of Open House, and (3) Dwight Gillidett, Plains, in charge of information concerning Open House.

COLLEGE ORCHESTRA WILL PLAY MOZART SYMPHONY

Military March, Flower Waltz, Sibelius Tone Poem Also on Henry's Sun- day Afternoon Program

A tone poem of the northland, a stirring march inspired by the French foreign legion, a bright waltz, and one of Mozart's greatest symphonies will compose the orchestra program to be given next Sunday afternoon in the auditorium. George Henry will conduct.

"The C minor symphony by Mozart was his next to the last one and shows that composer at the height of his genius. Each of the four movements is a masterpiece—no unevenness in this symphony," commented Mr. Henry. "We are using the original version of the symphony. There is an American version with trumpets and trombones added—musical vandalism! The symphony hasn't been played here for several years."

"We are also playing Sibelius' 'From the North'—which is more difficult and more beautiful than his better known 'Finlandia,' which caused the Finnish government to pension him. Sibelius was one person who didn't stop doing great creative work as soon as he was pensioned."

For the third number, Tchaikowsky's "Waltz of the Flowers," Mr. Henry will yield the baton to a junior music student, Laura Donat. "Miss Donat has real ability as a con-

ductor," he commented. Saint Saens' "French Military March," from the Algerian suite, will conclude the program.

The college band, also conducted by Mr. Henry, will give its spring program Sunday, March 31.

BEAM OF NELSON GALLERY TO SPEAK ON MODERN ART

Will Help Audience Understand New Techniques in Light of Past

The person who "likes art but can't see this modern stuff" is to be given special and sympathetic attention Tuesday, March 26, when Philip C. Beam, of the William Rockhill Nelson gallery, speaks in the college auditorium.

The lecture, "Approach to Modern Art," will be illustrated by slides and will show how present day art methods are direct descendants of those of the past. It will start at 8 o'clock and is being sponsored by the Friends of Art group.

BURR SMITH TO LECTURE ON ART SEEN IN EUROPEAN TRIP

A. A. U. W. Group Brings Back Former Professor of Architecture

Linus Burr Smith, head of the department of architecture, University of Nebraska, will lecture Monday night in the Anderson hall art lecture room on works of art which he saw on his tour of Europe last Summer. It is one of the lectures sponsored by the art and travel group of A. A. U. W.

PROGRESS OF KANSAS PRESS

F. E. C.

Bob Huff and Bud Schroeder are new associates in publishing the Morton County Farmer at Rolla. A. B. Edson still owns the Farmer.

A Kansas weekly paper with noticeably different front page make-up is the Valley Falls Vindicator, edited by Clayton Wyatt. His front page consists entirely of short local stories—a good way of featuring them.

The 100th anniversary of the first Kansas newspaper occurs this month. Jotham Meeker, missionary to the Indians, published the Shawnee Sun—Swinie Sun, as it was then called—in what is now Johnson county.

Robert M. Davis, 50, manager of the Arkansas City Traveler job printing department, died recently of

heart disease. Davis was president of the Arkansas City Daily News before its consolidation with the Traveler in 1924.

The person writing society for the Marysville Advocate-Democrat is a resourceful writer who always seems to provide the paper with about two columns of society items. She keeps that department up to the high standard set elsewhere in the paper by Editors H. M. and Lynn Brodrick.

Lyman A. Roberts, '72, who printed the original edition of E. W. Howe's "The Story of a Country Town" on a job press, died in Atchison March 6. Mr. Roberts was foreman of the Atchison Globe pressroom for fifty years before his retirement several years ago. He had operated every press owned by the paper.

'BEWARE OF PEDDLER,' THROCKMORTON URGES

SEES NEED OF SPECIAL CARE IN PURCHASE OF SEED

Advises Buying Only on Basis of Pur- ity and Germination from Estab- lished, Reputable Dealers

"Beware of the seed peddler. Purchase seed only on the basis of its purity and germination and insist that it be labeled at the time it is delivered."

This was the timely advice of R. I. Throckmorton, head of the department of agronomy of the college, today in urging farmers to buy only from reputable dealers. He explains that the seed peddler, selling from a truck, has reappeared. Last fall the peddler sold "winter barley." Some of it was spring barley and was destroyed during the winter. The peddler took the money and the farmer is the loser.

IMPURITIES A MENACE

The peddler is now selling seed of sorghums and oats. Often he is unable to give accurate information as to origin, variety, purity or germination. Tests show that some samples contain a large amount of bindweed seed, others Johnson grass seed. Some are badly mixed, contain seed of noxious weeds and are improperly labeled, Mr. Throckmorton pointed out.

"The peddler of seed assumes no responsibility to the purchaser. He does not expect to be in the seed business next month or next year and is not interested in the welfare of the farmer."

FAVORS RESPONSIBLE DEALER

"The established, reputable seed dealer, on the other hand, has a responsibility to the purchaser of farm seed if he expects to continue in the business. If the farmer purchases tested, labeled seed from a dealer he can be more certain of the quality of the seed and if for any reason it is not as represented he can return for an adjustment."

"All farm seed purchased this spring should be obtained only on the basis of its purity and germination. Only tested seed, free of noxious weeds, should be used. The purchaser should insist that the seed be labeled at the time it is delivered to him."

SEES GREATER NEED FOR INTER-RACIAL BALANCE

Individuals with Such Qualifications Have Opportunities in Many Fields, Forum Speaker Says

Individuals who possess a fair and impartial inter-racial balance are in demand and persons with such qualifications have a great opportunity in teaching, civil service, and many types of government and social service, in the opinion of Dr. C. E. Richardson, president of the Kansas Vocational school at Topeka. Doctor Richardson, nationally recognized as an educator, was the speaker at student forum last Wednesday at the cafeteria. His subject was "Race Relations."

Until recent years, the speaker explained, the people of this country sent missionaries to all parts of the world in an attempt to tell the "colored races what they believed to be the right relationship between the races and with God, Doctor Richardson declared.

"As in all other phases of life, changes have come about. Transportation and communication have brought people of the world together. The man to whom we once sent missionaries is now at our very door. He or his children are in our schools and at our side. Now that we have him with us the things we have been telling missionaries to do, we can do ourselves.

"Under the changed conditions it becomes necessary for all of us to understand ourselves racially. There is a necessity for fair inter-racial balance. The masses lose respect for laws when we administer them unjustly." Doctor Richardson cited recent cases in which racial discrimination had influenced court action. He made an appeal for courts to apply a finer sense of justice.

He termed present conditions an unusual opportunity for people who have fair inter-racial balance.

Feeding tankage as well as grain to hogs on good pasture increases net returns from 10 to 20 per cent.

THE KANSAS INDUSTRIALIST

Volume 61

Kansas State College of Agriculture and Applied Science, Manhattan, Wednesday, March 20, 1935

Number 23

OPEN HOUSE INDICATES ENGINEERING INTEREST

APPROXIMATELY 6,000 ARE GUESTS
IN TWO DAYS

Giant Engines, Ford Demonstration,
Electrical Equipment, Precision In-
struments, Chemical Tricks and
Maya Temple Lure Visitors

Attendance and interest at the engineers' fifteenth annual open house Friday and Saturday might well be taken as an indication that the public is engineering minded. Hundreds of Manhattan people and other hundreds of out of town visitors, some from many miles, milled through the engineering building, shops, and power plant, craning necks here and patiently waiting there to make sure that no detail of the exposition was overlooked. Approximately 6,000 attended.

Following the line of least resistance, the crowd was first routed through the engine room. The Corliss reciprocating engine and steam turbines were in operation as were several small internal combustion engines and the large diesel engine. Here was power that looked like power. It was viewed with admiration.

FORD DEMONSTRATION ATTRACTS

The Ford motor "zipper" demonstration of tearing down and reassembling a V-8 motor in a few minutes was viewed with interest by hundreds. The mechanical engineer, with "slip stick" and swing suspended from a steel shaft, elicited many grins as he determined weights of the skinny and the chubby.

Guests went next to the electrical department with its motors, generators, synchronizers, and alternators, machines much smaller than the steam engines but no less impressive because more complex to the layman. A feature was television which, although far from commercial practicability, was in marked improvement over that shown in previous years.

Another electrical feature was the sodium vapor and mercury vapor lights used to light the street in front of the building Friday night. Housewives who have spent summers in a hot kitchen were surprised to learn that hamburgers could be fried on a skillet embedded in cracked ice.

Machines were secondary in the civil engineering department where displays consisted chiefly of precision instruments used in drawing, calculating, and surveying. A model of a clover-leaf intersection, proposed for the junction of highways 40 and 75 north of Topeka, and a miniature of the Union Pacific's streamlined train were on display.

CHEMISTS UNDER HANDICAP

Quelling an impulse to hurdle chairs which marked the course, the crowd moved on to the department of chemical engineering where mechanical devices are still smaller. Only glass tubes, flasks, pipettes, and bottles of acids and bases were in evidence. This department was handicapped by loss of equipment in the fire last summer but drew its share of interest with a chemical flower garden, invisible ink, and an oil distillery model.

In the architectural engineering displays machines were invisible, except through ideas and visions expressed in models of rural community buildings, and renderings of massive structures distributed around the walls. A feature was the recreation of a Maya temple. The design and color scheme of the temple were as nearly a true reproduction as possible.

Presentation of St. Pat and St. Patricia by R. A. Seaton, dean of engineering, at St. Pat's Prom held in Nichols gymnasium Saturday night was the climax to the open house exposition. Kathryn Peterman, Alpha Delta Pi, was crowned queen, and Dale Gentry, Garden City, was crowned king.

Carter Harrison Here Soon

"The Student Looks at Other Nations" will be the subject of an address by the Rev. Carter Harrison,

Episcopal student pastor of the University of Kansas who will speak at the Christian World Forum soon. For the past ten years, Mr. Harrison has traveled, visiting almost every country in Europe. He was student pastor at South Dakota before taking the position at the University of Kansas. This will be his second visit to the campus.

EXTENDED ILLNESS FATAL TO DR. GEORGE E. JOHNSON

Faculty Member Since 1924—Was Outstanding Figure in Kansas Academy of Science

Dr. George Edward Johnson, 45, professor of zoology at the college and a noted mammalogist, died Monday afternoon following an extended



DR. GEORGE E. JOHNSON

illness. Doctor Johnson had been ill several months. However, until the past few weeks he was able to consult students and direct research which they were doing for him.

He was perhaps the most outstanding figure in the Kansas Academy of Science. He was secretary several years and for a time was both secretary and treasurer. He reorganized the academy into sections and the membership has since been quadrupled.

Doctor Johnson was mammalogist for the agricultural experiment station. He directed extermination of rabbits, prairie dogs, gophers, moles, and other objectionable animal pests. His bachelor of science degree was obtained in 1913 from Dakota Wesleyan university, Mitchell, S. D. In 1916 he received his master of science degree at the University of Chicago and in 1923 was awarded the degree of doctor of philosophy by Harvard university.

The following year he came to Kansas State college as assistant professor and was promoted to a professorship in 1931. He had been professor of zoology at the University of Porto Rico and in a Mississippi college before he came to Kansas State.

Doctor Johnson was the author of more than 20 scientific papers. Most of these dealt with the physiology of hibernation and endocrinology. Nearly all have been published since he came to Kansas State college. These papers have received world wide recognition.

Graduate students trained by him have gone to leading universities. He sent two to Harvard as Austin Teaching Fellows. Others have gone to Chicago, University of Wisconsin, and St. Louis university. Doctor Johnson obtained the \$1,500 fellowship at Columbia university for next semester for Burton Baker.

He held memberships in the American Society of Mammalogists, the American Society of Zoologists, Gamma Alpha, Gamma Epsilon Delta, and Sigma Xi, honorary fraternities.

Doctor Johnson is survived by his widow, two children, Romaine and Arvella, his father, a brother, and a sister.

'BETTER RURAL LIVING' IS YOUTH MEETING THEME

STATE CONFERENCE ON CAMPUS
MARCH 29, 30, and 31

Farm Problems, Vocational Adjustment
and Social Affairs on Program
Sponsored by the Collegiate 4-H Club

"Better rural living" will be the theme of the first annual Kansas Rural Youth conference to be held on the campus March 29, 30, and 31. Farm problems, vocational adjustment, and social affairs will be discussed, according to Howard Moreen, Saline county, general chairman.

The conference, which is sponsored by the Collegiate 4-H club, is organized especially for rural young people from 18 to 30 years of age. Dr. E. L. Kirkpatrick, chairman of the American Country Life association, Madison, Wis., and Dr. Eugene Merritt, U. S. D. A., Washington, D. C., will be on the program.

FACULTY MEN WILL SPEAK

President F. D. Farrell, Dean L. E. Call of the division of agriculture; Dr. Howard T. Hill of the department of public speaking; Dr. George Gemmell and Vance M. Rucker, both of the division of extension, are the Kansas State college men who will speak.

Objectives of the conference include: First, to increase contacts and stimulate fellowship among rural young men and women for permanent improvement of agriculture and rural life. Second, to promote discussion of rural affairs and issues among students and farm youth for their own development and preparation as leaders. Third, to provide a clearing house of program suggestions for rural young people's groups organized in the state.

THREE DISCUSSION GROUPS

The conference will be divided into three main discussion groups. First, social adjustments needed for better rural living, agricultural adjustments desirable for better rural living, and vocational adjustments which are advisable.

Although speakers of national prominence will appear, delegates are urged to come prepared not merely to listen to speeches but to participate in active discussion in one or more of the three sections of the conference.

BASIS FOR UNDERSTANDING ART FURNISHED BY BEAM

Member of William Rockhill Nelson
Gallery Staff Will Speak Here
Tuesday Night

A basis for a better understanding of modern art will be furnished by Philip C. Beam, of the William Rockhill Nelson gallery staff, in his talk in the college auditorium Tuesday night under auspices of the Friends of Art group.

Mr. Beam's subject will be "An Approach to Modern Art." He spoke here last fall on "Masterpieces of the Nelson Gallery." This lecture, as was the one last fall, will be illustrated with slides.

"I shall try to outline the long lines of tradition and reaction which converge in modern art, to speak of the background of the modern artists, what they are doing and trying to do, and how they got that way," Mr. Beam says in a recent letter.

"Things attempted today are often covered with a technique in fashion which blinds people to the fact that they have their roots in ideas centuries old, and are truly about as exclusively possessed by the people of this day as the basic human emotions from which they spring."

A small admission fee will be charged.

To Soil Erosion Service

A graduate of Kansas State college, Arthur E. McClymonds, has been appointed regional director of the soil erosion service in Colorado. He will have charge of two areas, one in Cheyenne county, a wind erosion project, and the other in El Paso

county, a combined wind and water erosion project. McClymonds was graduated from Kansas State in 1915 and was appointed superintendent of the agronomy farm the following year. At the time he was appointed regional director in Colorado he was chief agronomist of the soil erosion project at Santa Paula, Calif.

ENGLAND SUCCEEDS WHERE U. S. FAILS, ALLEN BELIEVES

Former Governor and Ex-Senator,
After Several Months Abroad,
Is Assembly Speaker

England has made progress toward economic recovery while the United States has failed, in the opinion of Henry J. Allen, former governor and ex-senator, who was the speaker at a student assembly Saturday sponsored by the engineering division. Mr. Allen returned recently from several months study of economic conditions in England.

The rise and fall of the dole system in England, the flexible tariff policy there, the balancing of the budget, the industrial reawakening, the banking system, and the housing program were reviewed by the speaker in pointing out England's progress toward recovery.

"England found it cost 600 times more to care for a man by public works than by direct relief," Mr. Allen declared. "Now, of their two million unemployed, one million is on direct relief and the other is provided for by employment insurance."

Turning to tariffs, the former senator declared that in the past three years England has made more than 10,000 reciprocal trade adjustments whereas the United States has made three.

"The English balanced their budget by cutting operation costs and the adoption of a reformed civil service, by refusing to pay war debts, by doing away with the dole, and by increasing taxation," Mr. Allen explained.

"Not a bank in England has failed during the depression, neither has a single banking law been changed for nearly 100 years." Reasons for security were listed as refusal to lend money abroad, refusal to float colonial enterprises, and increased confidence due to balancing the budget.

Moral anxiety of the English people to wipe out tenements and slums is the basis of their widespread housing program, Mr. Allen found. Of 420,000 dwellings constructed in 19 months, 300,000 have been financed by private capital. Mortgage defaults are rare.

Although we become rattled by social and economic disasters we cannot understand, our enterprise and courage will reassert itself and we will ultimately find recovery, he concluded.

SOLLENBERGER RECEIVES \$750 FELLOWSHIP FOR RESEARCH

Graduate in Mechanical Engineering
To Work on Cements

Norman Sollenberger, Manhattan, who was graduated at the end of the first semester, has received the Dewey and Almy Chemical company fellowship for work in the applied mechanics department.

This \$750 fellowship is given to a graduate of the department of mechanical engineering for conducting research in concrete and cements. The donors of the award will receive benefits of the research.

In addition to conducting the cement research, Sollenberger will work toward a master's degree in engineering.

Traveling Exhibit on Road

The traveling exhibit of the Collegiate Schools of Architecture association, of which Prof. Paul Weigel is chairman, has started its journey. It will go from Kansas State college in two circuits, one to the east and the other to the west. Both will eventually return to Kansas State college where individual pieces will be returned to owners.

URGES A BRAN MASH TO COMBAT ARMY CUTWORMS

WHEAT AND ALFALFA BEING DAMAGED
IN EASTERN KANSAS

Dr. Roger Smith Gives Formula for
Minimizing Outbreak—Under Good
Conditions 95 Per Cent Larvae
Have Been Destroyed

Army cutworms are reported to be damaging wheat and alfalfa in southern and eastern Kansas, but the outbreak may be minimized by giving them a "dinner" of poisoned bran mash, according to Dr. Roger C. Smith, of the college staff.

First cutworm to appear in Kansas each spring—the "army" variety—overwinters as a small or nearly grown larva. Early in March it becomes active and attacks alfalfa, especially when volunteer wheat or oats are present.

Feeding is at night, or in the afternoons of cool, cloudy days. During unusually chilly nights and the greater part of the day, the worms remain below the ground. Damage is done during March and April only, after which the larvae enter the ground to pupate. There is only one generation a year.

SOW MASH IN EVENING

Sowing of poisoned bran mash on late afternoons or evenings when larvae are active is the recommended control method. As larvae eat mash readily immediately after it is sown, it should be spread only after some worms have already come up for their feeding. Sowing on chilly evenings is useless. Under favorable conditions, 95 per cent of larvae have been destroyed by one sowing.

Doctor Smith has two formulas, one for use in the garden, the other for the field. The first includes: one pound of bran, one ounce of Paris green or white arsenic, three ounces of syrup or molasses, one-fourth of an orange or lemon (including peel), and one and one-half pints of water. For field use the amounts are: 20 pounds bran, one pound Paris green or white arsenic, one-half gallon syrup or molasses, three lemons or oranges and three and one-half gallons of water.

Bran and poison should be thoroughly mixed dry. The syrup or molasses and finely chopped lemons or oranges should be mixed in the water, and the liquid then poured over the bran and mixed thoroughly.

TWO METHODS USED

For alfalfa or other field crops, bait should be broadcast over the entire field, if infestation is general. Twenty pounds of bran is sufficient for four or five acres of alfalfa or wheat.

When cutworms are coming from an adjoining pasture, alfalfa land or other field, corn can be protected by sowing broadcast a narrow strip of poison bait along the edge of the field nearest the source of infestation. Two or three applications at brief intervals may be necessary to protect corn bordering grass-lands.

Doctor Smith warned that failures are reported each year, due to substitution of arsenate of lead for white arsenic.

BURTON L. BAKER RECEIVES FELLOWSHIP AT COLUMBIA

Will Work Toward a Degree in Medicine

Burton L. Baker, graduate research assistant in zoology, has been awarded a fellowship in the anatomy department of the college of physicians and surgeons of Columbia university, New York City, on an allowance of \$1,500 a year.

Mr. Baker will work toward his Ph. D. degree in medicine and probably will continue toward an M. D. degree.

Mr. Baker is in his second year of graduate work in physiology of hibernation and endocrinology with Dr. G. E. Johnson. He will receive a master's degree at the May commencement.

The KANSAS INDUSTRIALIST

Established April 24, 1876

F. D. FARRELL, President..... Editor-in-Chief
F. E. CHARLES..... Managing Editor
R. L. THACKREY, H. P. HOSTETTER,
RALPH LASHBROOK..... Assoc. Editors
KENNEY L. FORD..... ALUMNI EDITOR

Published weekly during the college year by the Kansas State College of Agriculture and Applied Science, Manhattan, Kansas.

Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. C. E. Rogers is head.

The price of THE KANSAS INDUSTRIALIST is \$3 a year, payable in advance.

Entered at the postoffice, Manhattan, Kansas, as second-class matter October 27, 1918. Act of July 16, 1894.

Make checks and drafts payable to the K. S. C. Alumni association, Manhattan. Subscriptions for all alumni and former students, \$3 a year; life subscriptions, \$50 cash or in installments. Membership in alumni association included.



WEDNESDAY, MARCH 20, 1935

WE LIKE TO WIN, TOO!

Followers of athletics at Kansas State college have never asked more of their teams than that they be creditable representatives of the school. They have realized that over a period of years and with competition in many sports the larger schools of the Big Six will tend to win more often than the smaller schools. Competence and character have been required of coaches, rather than championships.

But the fruits of victory are perhaps most palatable to those least accustomed to them.

It is therefore with pardonable pride that we point to the record of Kansas State college athletes of the present year, and because it is the most recent achievement, particularly to the undefeated record of the indoor track team, champions of the Big Six. Neither in the present Big Six nor in the old Missouri Valley conference has Kansas State won an indoor track title before this year.

Coach Ward Haylett has been on the campus since 1928. He has been developing good track men out of unsung high school stars year after year. He has seen the national high school champions (and Kansas has produced many) go elsewhere—the type who make the work of a track coach easy so far as winning titles is concerned.

Haylett's track men started this year by winning the Big Six 2-mile team championship—an honor they had also won two years ago. Then came dual meet victories over Kansas U., Nebraska U., Missouri U., and finally the Big Six title. At the Armour Tech relays last Saturday night Kansas State won the meet with five men—was the only school to take more than one first place in the university class.

Old timers must have rubbed their eyes when they read recently that Kansas State is leading in the Big Six all-sports competition.

This is "the Aggie year." We may not have another for a long time.

But we are enjoying this one!

TIME WAS—

Time was that it was shocking for any young lady to study physiology. When with much misgiving this subject was finally admitted into the curriculum of "female seminaries," the young ladies found all illustrations either torn out of their text books or else with heavy paper pasted over them.

Oddly enough, today it is the girls rather than the boys who in some schools are being given courses on social and family relationships, and books on sex relationships and the family are being checked out by librarians only to the girls. This interesting reversal came, of course, through this subject being taught as part of the home economics curriculum.

Dr. Lemo T. Dennis Rockwood, field worker in child development and parental education, under the American Home Economics association, speaking last Friday afternoon in the convention at the college, told of the great progress in her work within the last 10 years. Mrs. Rockwood showed graphically the spread

of interest in high school and college courses in marriage and the family, and the interest of young men and boys in them.

Such excellent and innocuous pamphlets as Emily V. Clapp's "Growing Up in the World Today," published by the Massachusetts Society for Social Hygiene, and the American Medical association's pamphlets for school children, 10 years ago could not be introduced into a home economics course without the principal going to the school board about it and then perhaps not getting their permit.

Now "home living" is given a semester's attention in even one year courses in home economics in Kansas high schools, and double that in the longer curricula. True, many of them content themselves with problems of budgeting, care of the sick, and child training, but even these are a long step forward. In the vocational schools one unit, "How Life Goes On," deals with "related physiology."

Topeka has had a large boys' class in home economics for six years; Pittsburg has one of 40 boys, several other high schools have had such a course for one or two years. Boys as well as girls are going to have scientific preparation for home living. They, too, are being given information on budgeting, nutrition, child care and training, family relationships.

MUSIC

Orchestra Recital

An interesting variety of program material characterized last Sunday's recital of the college orchestra under the baton of George Henry. From Mozart through Saint-Saens to Sibelius gives an interesting panorama of the musical history of modern times.

The great "Symphony in G Minor" of Mozart, master of melody, was the first part of the program. The stirring, assertive "Allegro molto," the melodious contrasts of the "Menuetto," the exciting throb of full life in the "Finale" show his complete maturity of musical and vital experience. The insistent questioning, mystical resignation, and momentary faith of the "andante" received a deeply poetic interpretation under the direction of Mr. Henry.

"From the North," by Sibelius, the opening number of the second part of the program, was a thrilling experience. The growing power of the Finnish artist is evident in this beautiful composition, new to Manhattan audiences. The wild play of the northern lights, the surge of the stormy seas, the fierce national independence of the Finns are displayed in its startling tone color and effective orchestration. The passages for the brasses are especially noteworthy.

The rendition of Tschalkowsky's well-known "Waltz of the Flowers," conducted by Miss Laura Donat, one of Mr. Henry's students, while hampered by the inconsiderate absence of the solo clarinetist, showed smooth rhythm and moments of spirit. Miss Mary Elizabeth Guthrie's harp is a valuable addition to the resources of the college orchestra.

Saint-Saens' French Military March," with which the recital ended, is said to have been inspired by the French Foreign legion. It was played with the fire and elan of that famous international corps.

The recital was a fitting close to an enjoyable series of concerts by the college department of music, to which Manhattan is so much indebted for many pleasurable and uplifting musical experiences.—H. E. E.

THE KANSAS MAGAZINE

Mr. R. I. Thackrey, editor of the Kansas Magazine, has issued a number of the magazine comparable with the best traditions of the old magazine of the seventies at its high tide. Kansas has every reason to be proud of that issue. Editor Thackrey has demonstrated clearly that Kansas has the talent to make an acceptable magazine. The next thing to prove, which is harder to prove, is this: has Kansas enough people of intelligence to support a magazine which its talent can produce?

In Kansas 60 years ago, for at least 18 months, Kansas had the talent and the general intelligence to make and support a good state magazine. If Mr. Thackrey could find an intelligent subscription salesman and an advertising rustler who would not be too keen for the main chance—a rare, exotic bird!—Kansas could of-

fer to the world a good quarterly, possibly an acceptable monthly.—Emporia Gazette.

ODD BUT INTERESTING

Every now and then a piece of useless information turns up that we receive with profound satisfaction. We haven't the slightest reason now, nor did we ever, for knowing the number of feathers on a chicken. We can't imagine that anyone really has any use for that particular statistic. It probably doesn't even matter to a chicken so long as the fowl is fashionably and sufficiently covered. Nevertheless, recollection pictures a small boy, in the back yard, dallying

but I do not know the painters. And I think I would rather see my middle west interpreted in paint than in words.—J. B. Priestley in Harpers.

IN OLDER DAYS

From the Files of The Industrialist
TEN YEARS AGO

Katherine Welker, Coffeyville, was elected president of the Y. W. C. A. Other officers were Ruth Faulconer, Manhattan, vice-president; Margaret Burtis, Manhattan, secretary; Trena Olson, Lincoln, Nebr., treasurer; Mildred Leech, Fredonia, undergraduate representative.

A recital was given by the following students in the department of

Too Much Speed in Education

Charles H. Sampson in Christian Science Monitor

Are we as educators stressing this matter of haste too strongly? Do we have to hurry now more than in times past principally because we are living in a more hurried age? Is there still a chance for success in school and college for the student of good ability who is naturally slow in his delivery, so to speak?

Considering now the youngster who can't quite keep up with the pace which modern school and college situations set for him, shall we do a little thinking about him and possibly revise our programs, so that he will at least have a fighting chance to succeed? After all, any intelligent young person should be entitled to the advantages of an educational training, even if he is a little slow.

I knew a boy who was a slow student. He could not be certified to most of the New England colleges because he was not quite able to earn certificate grades. Obviously, there was little chance of his passing college examinations. They were "too fast" for him. Should he be graduated, and if so where could he go to college? Or, why not perhaps avoid the issue, as many in executive school positions do, by telling the boy frankly that college is not for him and that he may as well make the best of his lack of ability to learn quickly from books and try himself out in a school situation where one learns to become proficient in the use of his hands?

He was particularly enthusiastic about "nature study." It looked as though that enthusiasm could be enlarged and developed to an interest in biology or some other "ology." Such an interest was developed, the boy entered one of the best midwestern universities. Slow though he was, wise and patient instructors gave him time for research and study. He graduated with more than ordinary honors. Today that slow boy-student is a professor in one of the largest and best known universities in the United States. I am sure that he can't be hurried any more now than when a boy in preparatory school.

I may be wrong, but granting that in some fields of endeavor one must be speedy in order to hold his own, I am not willing to admit that in the process of educating one's self well there is necessarily need for speed. In fact, I seriously wonder if most of those who want to become good learners would not be better off in the long run if they "made haste slowly," always thinking carefully as they strive toward the educational goal which they have set for themselves.

over the task of denuding a wet, decapitated hen recently plunged into a bucket of boiling water, wondering how many feathers he would have to remove before the carcass would be ready to singe with the quick flames of a folded newspaper. The absurd yearning for a census of the feather population per chicken has intermittently recurred over the years since then. We feel deeply obliged, therefore, to the patient farmer of Caruthersville, Mo., who actually counted the feathers from a chicken. There were eight thousand, five hundred, and thirty-seven.—Country Home.

ENGLISHMAN VIEWS KANSAS

On our way across Kansas next day . . . there was a fine series of landscapes unrolling itself outside. The sky was a darkish gray-blue, and the trees in the distance, probably cottonwoods, showed light against it. The autumn foliage flared gorgeously in the occasional copses. These were water-color landscapes. De Windt, who was at his best in this spacious autumnal country and season, would have done them exquisitely. Where is the De Windt of Kansas? Is he already there, staring at the scene? All this middle west, with its huge arch of sky and its enormous distances, is painters' country. I know the novelists of the region, who are already achieving something of the mournful fatalism that comes from such vast plains,

music: Dorothy Stiles, Kansas City; Lucile Evans, Manhattan; Marian Knechtel, Larned; Ferne Cunningham, Junction City; Laura Russell, Helen Jerard, and Ruth Faulconer, Manhattan.

The legislature made appropriations for the following buildings on the campus: library, \$250,000; two new greenhouse units at \$5,000 each; sheep barn, \$10,000; a woman's dormitory, \$200,000. Similar appropriations for buildings at other state educational institutions were made.

TWENTY YEARS AGO

From an item in the Sunflowers Column: "That little fracas they are having over in Europe is costing \$375,000,000 a week, not including what Americans spend on 'It's a Long Way to Tipperary'."

The largest experiment station in the United States and probably the largest in the world was conducted by Kansas State college on the Fort Hays reservation. W. M. Jardine, dean of agriculture, was director and George K. Helder, superintendent of the 4,000 acre station.

THIRTY YEARS AGO

Two coach loads of people came down on the Blue Valley to attend the Choral Union concert.

The second annual stock-judging contest was scheduled in March. Eight prizes were donated by Kansas swine breeders and a sweepstakes

medal by the Zenner Disinfecting company of Detroit.

The Anderson book store offered a loving cup to the baseball player making the best batting record for the season.

A class of students from the college spent two days in Topeka judging cattle and hogs at the Wolff packing plant.

FORTY YEARS AGO

J. D. Riddell, '93, who had just completed a year's work in the Kansas City Medical college, visited at the college.

Contract to build a new cottage at the Girls' Industrial school at Beloit was awarded to Jas. W. Berry, '83, by the state board of public works.

FIFTY YEARS AGO

Mrs. Kedzie was given a silver cake basket by her class in cooking.

"We do not remember a year in which our students have shown so little 'nonsense,' and so much earnest 'business' feeling. The spooney young man and the young woman who cannot conceal her love of admiration and does not try to, if not entirely unknown, have been content to remain inconspicuous. A young lady recently expressed the doubt whether the lady students really received the attention they were entitled to."

ON A BIRD SINGING IN ITS SLEEP

Robert Frost in Scribner's

A bird half wakened in the lunar moon Sang half way through its little in-born tune. Partly because it sang but once all night, And that from no especial bush's height, Partly because it sang ventriloquist, And had the inspiration to desist Almost before the prick of hostile ears, It ventured less in peril than appears. It could not have come down to us so far Through the interstices of things ajar, On the long bead-chain of repeated birth, To be a bird while we are men on earth, If singing out of sleep and dream that way Had made it much more easily a prey.

SUNFLOWERS

By H. W. D.

MILLIONS AND BILLIONS

Like you, I had fallen into the statesmanlike habit of talking about millions and billions with the same ease a truck gardener speaks of turnips and carrots and spinach. But I'm cured.

This morning I had a jolt. There was an article in the paper calling my attention to the fact that I would have to work 83 years and four months at \$1,000 a month to amass even one tiny million.

My respect for a million went up like a stratosphere rocket, for I immediately recognized that I am still very, very far from \$1,000 a month, and my expectancy of productive years is considerably under eighty-three and a third, if I mistake not.

Now a billion—lately, like everybody else, I've been doing most of my keener economic thinking in billions—is one thousand times a million, and if I'm going to save up a billion I'll have to run my salary up to \$100,000 a month and live and labor 833 years and four months—which would make me a monstrous composite of Methuselah and Andrew Mellon.

If you suspect these figures and doubt my conclusions, you can get out the old pad and pencil and work 'em out for yourself. Maybe it would be good for you. I think it has been good for me—aside from a little dizziness that returns every time I get to thinking about it again.

Yes sir, I've sworn off talking about millions and billions as if they were dimes and dollars, and I believe all of us common, ordinary folk in America would do well to make the resolve with me. We've been doing our economics through a magnifying glass so steadily that our unaided, common-sense eyes have become ridiculously ophthalmic, and the inflammation has run back pretty well into the intellect.

Hereafter, I'm off of billions and millions and concentrating on dollars and dimes, and I hope you are the same. Congress and the administration can do as they please. Maybe they can pull out of the mess, and maybe they can't; but I know they can't if you and I follow them in too far. Keep your eye on the dollars and the dimes.

AMONG THE ALUMNI

John U. Higinbotham, '86, has retired and is living at Saratoga, Calif. He writes a column for the Los Gatos Mail-News and Saratoga Star.

Paul M. Hewitt, '12, is teaching agriculture at Garden City, Minn.

A. A. Glenn, '16, is doing drouth work for the Kansas emergency relief corporation. He and Beulah (McNall) Glenn, '17, live at 303 West Seventeenth street, Hays.

H. W. Schaper, '17, is teaching vocational agriculture in the Delphos high school.

Arthur F. Swanson, '19, is an associate agronomist with the division of cereal crops, United States department of agriculture. His headquarters is at Hays.

Dr. Benjamin F. Pfister, '21, is practicing veterinary medicine in Kansas City, Mo. He lives at 4322 Main street, Kansas City, Mo.

Rolla W. McCall, '21, is sales manager of the Elkhart Mills, Elkhart. He and Mabel L. (Botkin) McCall, '17, live at Elkhart.

Vernon E. Paine, '22, is homestead rehabilitation adviser for Franklin county. He lives at Ottawa.

Rees Conway Warren, '23, lives at 1512 Houston, Manhattan.

George E. Taylor, '23, is assistant professor of dairy husbandry at Michigan State college, East Lansing, Mich.

Marvel L. Baker, '24, is animal husbandryman at the University of Nebraska substation. He lives on route 4, North Platte, Nebr.

Eleanor H. Davis, '24, lives at 121 North G street, Wellington. She is teaching American history in the high school there. She also is girls' adviser.

C. M. Leonard, '24, is assistant professor of mechanical engineering at Oklahoma A. and M. college, Stillwater, Okla. He teaches heat power and petroleum engineering. His address is 517 Ramsey.

H. F. Moxley, '25, is extension specialist in animal husbandry at Michigan State college, East Lansing, Mich.

Chester E. Hommon, '25, is county engineer of Clark county. He and Emogene (Bowen) Hommon, '26, live at Ashland.

Margaret Foster, '26, is teaching English in the Hutchinson junior high school. Her address is 111 East Fifteenth street.

Charles E. Dominy, '26, is assistant manager of the Swift and company produce plant, Mason City, Iowa. His address is 418 North Delaware.

C. E. Bohnenblust, '27, was recently transferred from Cameron, Mo., to Newton.

Willis Cuddy, '27, is operating a filling station at Third and Houston in Manhattan.

Helen E. Cook, '28, is medical secretary and visiting nurse for a doctor in Dallas, Tex. She also assists in medical research work. Her address is 4329 Lemmon avenue.

C. E. Hammett, '29, who has been on the engineering faculty at the University of Nebraska, is now teaching at the Armour Institute of Technology in Chicago.

Hugh K. Richwine, '29, is teaching vocational agriculture in the Scott county community high school, Scott City.

Louis P. Reitz, '30, is an assistant professor of agronomy at the Montana State college. He teaches and does some research work dealing with small grains and crop improvement. His address is 108 East Story, Bozeman, Mont.

Clarence D. Barber, '30, is a filter house helper at the Champlin Refinery company in Enid, Okla. His address is 408 North Sixteenth street.

Lorraine L. Lortscher, '30, is dietitian at the Children's hospital, 3700 California street, San Francisco, Calif.

Carl W. Clair, '31, is homestead rehabilitation adviser for Republic county. He lives at Belleville.

Eli Daman, '31, recently received his commission in the regular army as second lieutenant in the medical administration corps. He is stationed at Carlisle Barracks, Pa.

Louie Britt, '31, is teaching normal training in the Wakefield rural high school.

Virginia Edelblute, '32, is teaching physical education and English in the Beloit high school.

Mildred Edlin, '32, is living at 1355 Willow, San Francisco, Calif.

C. L. Jorgensen, M. S. '32, is county agricultural agent at Neligh, Nebr.

Wilburn Hale, '33, is living at 814 Langdon street, Alton, Ill.

M. H. Davison, '33, is a civil engineer working under the chief engineer of the division of Kansas water resources of the state board of agriculture. He lives at 1701 Fillmore, Topeka.

Margaret D. Bierman, '33, is home economics adviser for Ellis and Rush counties. Her address is 208 West Twelfth street, Hays.

Floyd H. Seyb, '33, is homestead rehabilitation adviser at Osborne.

Dr. M. L. Bergsten, '34, is stationed at the bureau of animal industry headquarters, 334 Federal building, Oklahoma City, Okla. He is engaged in drouth relief and tuberculosis eradication work.

George J. Davidson, '34, is an architect in Nevada, Mo. He and Ruth (DeBaun) Davidson, f. s. '34, are living at 727 West Sycamore street, Nevada, Mo.

Kathryn McKinney, '34, is attending the George Peabody college in Nashville, Tenn. Her address is box 44.

MARRIAGES

FINNEY—HUDSON

The marriage of Fern Finney and Dr. H. Kenyon Hudson, '33, took place March 2 in Memphis, Tenn. Mrs. Hudson has been teaching in the schools at Sturgis, Mich. Mr. Hudson is employed by the government as cattle inspector with headquarters at Pontotoc, Miss.

FISCHER—KIRKWOOD

Caroline Fischer and Loren Robert Kirkwood, '30, were married March 9 in West Collingswood, N. J. Mr. Kirkwood is employed by the R. C. A. Victor company of Camden, N. J. They will live in the Wellwood Manor apartments, Merchantville, N. J.

SHEEHAN—DRING

Kathleen Sheehan, Herington, and Arthur E. Dring, '29, St. Joseph, Mo., were married February 27 in Kansas City. For the past few years Mrs. Dring has been working for the law firm of Schneider, McHale, and Benton in Kansas City. Mr. Dring is employed in the traffic department of the Bell Telephone company with headquarters in St. Joseph, Mo., where they will live.

BIRTHS

Robert Perry, '33, and Vernice (Keach) Perry, Altoona, announce the birth of a son, Robert Bruce, March 2.

Kenneth U. Benjamin, '33, and Ethel (Fairbanks) Benjamin, f. s. '33, of Solon, Iowa, are the parents of a daughter, Anita Joyce, born February 12.

Harold P. Morris, M. S. '26, and Mary (Dey) Morris, '25, are the parents of a son, Harold Elbert, born March 6. Mr. and Mrs. Morris live at 909 Prospect avenue, Takoma Park, Md.

Attend New York Convention

Construction of small homes and the increasing use of concrete for construction work in the small home were among the interesting features of the convention of the American Concrete Institute which Prof. C. H. Scholer attended recently in New York City. Mr. Scholer also attended two committee meetings of the American Society for Testing Materials in which the desirability of standardizing the specifications for certain new cements brought out in the Boulder dam construction were discussed.

Dawley Returns

Prof. E. R. Dawley of the department of applied mechanics returned recently from Washington, D. C., where he attended the conference of secretaries of engineering societies and the annual meeting of the American Engineers' council.

LOOKING AROUND

KENNEY L. FORD

The Cosmopolitan club held an alumni meeting March 7 in Recreation center. Initiation was held for George Anton, Taiichi Asami, Dorothy Diggs, Salvador Gonzales, Nelle Ruth MacQueen, Dr. Fritz Moore, Gopal S. Rathore, and Louise Sklar, '34. After initiation the meeting was open. The following program was given by former members:

History of the club—Mrs. Esther (Jones) Rueck, '30, Riley; quartet, "Massa's in De Cold Ground," Mrs. Aileen (Hull) Paslay, '30, Ada Billings, '16, Prof. R. D. Daugherty, and Dr. L. H. Limper; talk, "The New Turkey," Raymond F. White, '21; vocal solo by Mrs. Paslay; talk on "A Room With a View," by Miss Helen Elcock; and a piano solo.

With Carl Martinez, '32, at the lantern, pictures were shown and greetings read from former members. Mrs. W. J. Burtis, f. s. '89, representing her daughters, Pen, '24, and Margaret, '28, told of a letter from Mrs. Marie (Correll) Malitsky, '24, telling of the trip with her husband through Manchukuo and Siberia to their new home in Gorki, Russia.

Greetings were received from the following: Herbert C. Anset, f. s. '32, Wichita; Manuel Alvarado, f. s. '26, Chicago, Ill.; Francisco Asis, '29, Junction City; Jacob Biely, M. S. '29, and Judith Biely, Vancouver, B. C.; Louise Chalfant, '32, Rose Hill; Louise Davis, '32, Ames, Iowa; Blanche Duguid, '32, Madison, N. J.; Max Fleming, '32, Paola; Dorothy (Westcott) Hartman, '28, and Carl Hartman, '28, Topeka; Esther Herman, '30, Chicago, Ill.; Raymond Hoefener, '32, Topeka; Helen Joseph, '34, Byers; Beulah (Henderson) Kenison, '29, and Charles Kenison, '30, Salina.

Frances Knerr, f. s., Abilene; Stephanja Kurent, f. s. '31, Mulberry; Mildred Leech, '27, Wichita; Earl Litwiller, '24, Salem, Ore.; Wilbur McDaniel, '32, Madison, Wis.; Mary Meyer, '29, Hutchinson; Emiliano Moreno, f. s. '22, Kansas City, Mo.; Helen (Batchelor) Pierson, '27, Chicago; Agnes (McKibben) Reece, '29, Los Angeles, Calif.; Mrs. Eusebia (Mudge) Thompson, '33, Fresno, Calif.; Amy (Jones) Tillotson, '28, and Ray Tillotson, '29, Lamoni, Iowa.

Mrs. Laureda (Thompson) Wakefield, '25, Fresno, Calif.; and Katherine Welker, '28, Atwood. Refreshments were served by Alice Melton, '98, Mary Kimball, '07, and Margaret Knerr, '33. Miss Myrtle Zener, alumni secretary of the club, had charge of the program.

Dr. J. T. Willard, '83, treasurer of the Curry painting fund, is receiving a few contributions from alumni. He recently received a check for \$1.00 from Neva (Colville) McDonnell, '13, route 1, box 563, Wichita.

Mrs. Rose (Straka) Fowler, '18, 735 Linden, Oak Park, Ill., gave \$5.00 to the painting fund with the request that if sufficient funds were raised for the painting that her contribution be placed in the student loan fund.

KANSAS STATE STUDENTS ARE HIGH IN CIVIL SERVICE TESTS

Place First and Second in Entire St. Louis District

Two Kansas State college engineers, Carl Chappell, Republic, and Robert Adams, Wellington, received first and second high grades, respectively, among the more than 200 students who took the civil service examination for student engineers in the St. Louis district. The district includes the states of Kansas, Oklahoma, Missouri, Arkansas, and Illinois.

The examination was open to all junior and senior engineering students. Those who pass will be given jobs as junior engineers with the federal highway commission.

Chappell is a senior and Adams a junior in the department of civil engineering.

ELLEN PAYNE, MANHATTAN, IS ELECTED Y. W. C. A. PRESIDENT

New Cabinet Member Will Attend Conference at McPherson

Ellen Payne, Manhattan, was elected president of the Y. W. C. A. at a recent election. Nancy Jane Campbell, Lakin, was elected vice-president, Janet Samuel, Manhattan, secretary,

and Elizabeth Pittman, Fergus, Mont., treasurer.

The new president is a junior in general science and has been active in Y. W. C. A. since entering college. The coming year, which is the fiftieth anniversary of Y. W. C. A. on the campus, social mindedness and personality development will be the theme.

ALUMNI PROFILES



JOHN S. HOLMBERG

Although a graduate in the division of general science, it was through his military training at Kansas State college that John S. Holmberg attained his present position as lieutenant of the United States Marine corps and naval aviator aboard the U. S. S. Lexington.

Immediately after his graduation in 1929, Holmberg was commissioned a second lieutenant of the United States Marine corps and ordered to Philadelphia for a training course in the duties and qualifications of a marine officer. The following year he was sent to Hampton Roads, Va., for preliminary training in aviation, and then to the navy training school at Pensacola, Fla. In September, 1931, he was designated a naval aviator and was given his "wings."

The U. S. S. Lexington, the aircraft carrier on which Holmberg is now serving, has accommodations for 150 airplanes ranging in size from large bombing and torpedo planes to small fast fighting planes. It is a small city in itself being manned by 30 officers and 2,000 enlisted men. Service in this division of the naval corps includes winter cruises to Hawaii, spring cruises to the east coast, maneuvers in the Caribbean sea and Canal zone, and drills off the coast of southern California.

While in school Holmberg was cadet colonel of the R. O. T. C., was a member of Scabbard and Blade, honorary military fraternity, and of Phi Sigma Kappa, social fraternity.

Holmberg is married and has a daughter two years old. His present address is VS—15M. U. S. S. Lexington, F. A. Base, San Diego, Calif.

Into Professional Baseball

Dougal Russell, former star performer for Kansas State on the gridiron and diamond, and Duane Kratzer, baseball player who was declared ineligible by the Big Six, are under contract to the Detroit Tigers. They left last week with Steve O'Rourke, Tiger scout, and are reporting to Sioux City. O'Rourke, who picked up Eldon Auker, says Kansas State has always attracted attention because proper emphasis is placed on baseball here. Charles Gentz, captain of the 1934 Kansas State baseball team, also is reporting to Sioux City but is not under contract to Detroit.

Graham Prepares Bulletin

A bulletin of special interest to high schools is being prepared by E. C. Graham of the shop practice department of the college. The bulletin will include a general line of practical suggestions for an inexpensive model workshop for high schools. Suggestions for individual open tool racks or kits, and improvements in tool cabinet construction will be included in the pamphlet which will be published this summer and made available for high school instructors and others who are interested.

RECENT HAPPENINGS ON THE HILL

Senior Orchestra recently held formal initiation for Mary Lee Shannon, Maxine Redman, Inez King, Beth Searles, Elizabeth Kelly, and Gladys Turner.

Slugging their way to victory in five of six matches, the Kansas State college boxing team won a decisive victory over the St. Benedict's team here last week before a large crowd.

Captain E. E. Hodgson, '24, who is connected with the veterinary corps of the United States army, has just been transferred from Fort Reno, Okla., to Honolulu, T. H. He visited the college recently.

Miss Katherine Geyer, Miss Janet Wood, Miss Lorraine Maytum, Miss Kathleen Brophy, and L. P. Washburn of the college staff plan to attend the convention of central district association of physical education instructors this week in Omaha.

More than 300 members of high school home economics student clubs attended the Kansas State Home Economics association meeting on the campus Saturday. They were entertained with a luncheon in Thompson hall Saturday noon and in the afternoon with a campus tour.

Twelve new members are being initiated into Sigma Tau, honorary engineering fraternity. They are: Robert F. Adams, F. R. Arnoldy, Don Bammes, Ralph Brindle, C. J. Chappell, Warren DeLapp, Dean A. Dillon, Don E. Garr, Maurice W. Horrell, L. K. King, W. H. Maranville, and C. T. Thompson.

New members of Steel Ring, campus organization for the promotion of engineering interests, include: Bob Dill, Don Garr, Harold Eddington, T. C. Wherry, J. D. Ward, C. C. Tillotson, and D. K. Flint. Each semester Steel Ring takes in seven pledges, one from each of the six departments of the engineering division and one selected at large.

Alpha Kappa Psi, men's professional commerce fraternity, conducted initiation services last week for four pledges. They were: Fred Bramlage, Junction City; Carl Kirk, Winfield; Kenneth E. Johnson, Newton; and Paul Rohm, Topeka. Dean R. W. Babcock of the division of general science was the speaker at the initiation banquet. W. E. Beals, C. R. Thompson, and R. C. Hill of the college staff were guests.

The April number of "Veterinary Medicine," a monthly professional magazine published in Chicago, contains articles written by ten seniors in the division of veterinary medicine of Kansas State college. They are: O. E. Ballinger, J. E. Spring, Leonard A. Rosner, John C. Smith, George M. Kerr, Hubert Hein, Don C. Kelley, Frank A. Story, Joe Knappenberger, and H. J. Jewell. The reports are based on cases which have been treated in the local veterinary clinic.

Alpha Zeta, honorary agricultural fraternity, has announced the names of new members elected for the second semester of this year. They are: Raymond J. Doll, Ellinwood; L. Wayne Herring, Tulsa, Tex.; Leslie W. King, Wichita; Leonard F. Miller, Agra; A. Glenn Pickett, Americus; Lebert R. Schultz, Fall River; Leon E. Wenger, Powhattan; Clarence L. Bell, McDonald; Fred L. Fair, Raymond; Robert T. Latta, Holton; Horton M. Laude, Manhattan; Clare R. Porter, Stafford; Oren J. Reusser, Wellington; and Wilton B. Thomas, Clay Center.

Promotions and appointments were recently made in the coast artillery unit of the R. O. T. C. and in the infantry unit. The appointments were made by Lieutenant-Colonel John S. Sullivan with the advice and consent of President F. D. Farrell. In the coast artillery unit these promotions were included: F. R. Senti, cadet major; R. V. Brown, V. Hopeman, and L. D. Madsen, cadet captains. In the infantry unit the promotions and appointments included L. S. Evans and L. J. Propp, cadet captains. More than 40 other appointments also were announced.

SOUTHWEST KANSAS CAN COMPETE, TESTS SHOW

RANGE LAMBS MAKE SATISFACTORY GAINS IN FEED LOT

Results of Second Series of Experiments Reported to Farmers at Sheep Feeders' Day in Garden City Saturday

The ability of southwestern Kansas to compete with the rest of the country in fattening range lambs was again shown in Garden City Saturday when results of a second series of lamb feeding experiments were reported to farmers who attended the lamb feeders' meeting.

They demonstrated that lambs fed ground milo, cottonseed meal, ground limestone, and one of several available roughages will put on satisfactory gains. Roughages used were alfalfa, ground milo, ground atlas, and ground sumac fodders.

CALL INTERPRETS RESULTS

Observations made by R. F. Cox, in charge of sheep investigations of the college, follow:

Alfalfa hay fed as roughage with ground threshed milo and cottonseed meal produced greater gains on fattening lambs than either ground milo, atlas, or sumac fodder, even though ground limestone was fed.

Milo, sumac, and atlas fodders followed alfalfa in the order named in rate of gains or low cost of gains. The difference was small.

The approximate total gain per lamb was from alfalfa 44 pounds, ground milo fodder 35, ground sumac fodder 34, and ground atlas fodder 32.

ALFALFA MOST ECONOMICAL

At prevailing prices the roughages ranked in the same order in producing low cost gains. Relatively small changes in prices could materially affect rank of feeds in the matter of economical gains, however. The feed cost of putting on 100 pounds of weight ranged from \$9.62 for alfalfa to \$11.01 for sumac fodder.

Lot five in which grain feeding was deferred 30 days gained practically as much and made cheaper gains than did lot three, receiving the same ration except for the deferred grain feeding.

All of the roughages listed produced satisfactory gains and all lots of lambs attained desirable market finish.

KANSAS STATE RETAINS VALLEY WRESTLING TITLE

Wildcats Did Not Win an Individual Title, Although Former Captains Came Through

The Missouri Valley A. A. U. team wrestling title was retained by Kansas State at Manhattan Saturday. The Wildcats scored 28 points; Blackwell, Okla., 16; Ponca City, Okla., 14; Enid, Okla., 11; Kansas university, 10; Salina Y. M. C. A., 5, and Oberlin high school, 4. Despite its team championship Kansas State did not win an individual title, although two former Wildcat captains came through for championships.

Coin flips were necessary to determine medal winners in two weights, which ended in draws, the A. A. U. rules prohibiting overtime.

The placings:

112 pounds—Jack Hess, Ponca City, first; E. C. Betz, Kansas State, second.
118 pounds—Vernon Parker, Ponca City, first; Lyle Schlaefli, Kansas State, second.
126 pounds—Bruce Roberts, Blackwell, first; W. Thomas, Kansas State, second; W. J. Sherar, Kansas State, third.
135 pounds—Gordon Gurwell, Enid, first; Forrest Pansher, Kansas State, second; Billie Walters, Kansas State, third.
145 pounds—W. L. Doyle, Salina Y. M. C. A., former national collegiate champion at Kansas State, drew with L. Fagg, Blackwell. Doyle won toss. Dick Fowler, Kansas State, third.
155 pounds—George Noland, Kansas university, drew with Harold Cotton, Blackwell. Noland won toss. Third, Ernest Jessup, Kansas State.
165 pounds—Earle Deneau, Enid, first; R. Young, Ponca City, second; Riley Whearty, Kansas State, third.
175 pounds—June Roberts, Manhattan, former Kansas State captain, first; Lester Zerbe, Kansas State, second; Dean Swift, Kansas State, third.
Heavyweight—Clyde Moore, Kansas university, first; Elmer Hackney, Oberlin, second; Rolla Holland, Kansas State, third.

W. F. A. C. Leads

The W. F. A. C. independent team, with championships in all intramural events except wrestling, is leading Kappa Sigma 567 to 404 for the trophy. Volley ball is now being played, and the indoor track meet will be run off soon. Touch football, horse-shoes, basketball, swimming, and

wrestling have been completed. The next eight teams with their point totals are: Delta Tau Delta 378, Pi Kappa Alpha 304, Sigma Alpha Epsilon 238, Alpha Gamma Rho 231, Beta Theta Pi 230, Alpha Tau Omega 229, Sigma Phi Epsilon 222, and Sigma Nu 217.

W. E. GRIMES ANALYZES NEW DEAL'S PROJECTS

Approves One-Contract-Per-Farm Proposed Change in AAA, Criticizes FERA Results

A bird's eye view of the New Deal in Washington was given last Wednesday in noon forum by W. E. Grimes, head of the department of economics. "Recent Economic Trends" was the title of his talk, which summed up his impressions and opinions gained in part from his recent stay in Washington, D. C., where he had been called for conferences on agricultural problems.

He opened with a discussion of the recent gold decision, which he said is helpful as business men now know what to expect, but which may lead to greater credit inflation than can be controlled.

He reviewed recent judicial decisions concerning the NRA and spoke of the increasing difficulties in administering the codes, declaring that these codes nevertheless should eliminate some abuses in the business structure. The recent decision of the New York supreme court forbidding picketing of firms employing white collar workers, he commented on, showing that it would tend to bar this class from unionization.

The proposed change in the AAA to have one contract per farm rather than one per commodity he said is excellent as it would be more flexible, less cumbersome, if it can be worked out.

FERA he called the most necessary and most dangerous of all the New Deal set-ups, with its risk of making people permanent paupers. "Relief should not be made too attractive," he warned, "as it has already been made in a part of Kansas, for instance."

"The United States will not have a complete revolution," he said in conclusion. "Capitalism will remain, though it will be modified, and business will have to submit to greater regulation. Reform is considered more important at the moment than recovery. The New Deal is making progress toward its goal."

JUNIOR LIVESTOCK JUDGING TEAM THIRD AT FORT WORTH

J. E. McCollm, Emporia, Second High Individual of Contest

The Kansas State college junior livestock judging team added another triumph to a successful season by placing third at the thirty-ninth annual Southwestern Exposition and Fat Stock show being held at Fort Worth, Tex.

The Kansas State team was first on cattle and third on sheep. J. E. McCollm, Emporia, was second high individual of the entire contest and was first on sheep. L. W. Herring, Tulsa, Tex., also of the Kansas State team, was third on cattle; P. W. Ljungdahl, Menlo, was fourth on horses, and H. A. Moreen, Salina, was fourth on cattle. Other members of the Kansas State team were: A. C. Ausherman, Elmont, and H. F. Dudte, Newton. The team is coached by Prof. F. W. Bell.

Texas Technological college was first with 4,173; Nebraska second with 4,155, and Kansas State third with 4,135 points. Other teams in the order in which they placed were: Oklahoma, Texas, Missouri, Wyoming, Oklahoma Panhandle, and Louisiana.

MISS SAUM ON WORLD CRUISE, VISITS JAPAN

Physical Education Head Takes Sabbatical Year to Travel

Miss Helen Saum, head of the department of women's physical education, is now on a round-the-world cruise. She took the school year off, it being seven years since she joined the staff here, but did not sail from New York until December 27. Her itinerary was through the Panama canal, to San Francisco, to Honolulu, where she spent a week, to Japan for another week, then China, India, Egypt, Italy. She is on a Dollar line conducted tour. She will be back in the United States June 1.

KANSAS STATE IS FIRST AT ARMOUR TECH RELAYS

BIG SIX TRACK CHAMPIONS WIN THREE EVENTS AT CHICAGO

Captain Joe Knappenberger Takes Both Hurdle Events and Equals Record—O'Reilly to a New Mark in Winning Mile

Stars of Coach Ward Haylett's Kansas State track team, which the previous week won the Big Six conference championship, placed first in the Armour relays in Chicago Saturday night, beating out Big Ten schools and many other midwest entries.

The victory added another triumph to the most successful indoor track season Kansas State has enjoyed. In



WARD HAYLETT

addition to the Armour Tech and Big Six titles, the Wildcats have to their credit dual meet victories over Missouri, Kansas, and Nebraska, and are undefeated.

KNAPPENBERGER STAR OF MEET

Captain Joe Knappenberger, Penafosa, Wildcat hurdling ace, finished in front in both the university 70-yard high and low hurdles. In the high timbers, he was timed in 8.9, finishing in front of Layden of Notre Dame; Clark of Wisconsin, and Beal of Chicago. He was easily the outstanding star of the meet.

Knappenberger's time for the low hurdles equalled the relay record of 7.6 which Coach Haylett believes also equals the world record. In this race he finished ahead of Fleming, Pittsburgh; Doherty, Northwestern; Layden, Notre Dame; and Pierce of Illinois. The record was established by Sandbach, Purdue, in 1933.

O'REILLY HANGS UP RECORD

Justus O'Reilly, Girard, ace Kansas State miler, broke the former Kansas State record of 4:20.9 held by Don Landon, to win the mile in 4:20.8. Bill Wheelock, Pleasanton, finished fourth in the same event. Daly of Detroit was second, and Lash of Indiana, third.

J. B. Nixon, Paradise, the other

member of the Kansas State squad to place in the meet, finished third in the 880-yard dash.

Kansas State was the only entry in the university class to win more than one first. No team trophies were awarded, however.

Friday and Saturday the Wildcat squad will compete in the Butler relays at Indianapolis.

CONSUMER EDUCATION IS SEEN AS PRESSING NEED

Miss Frances Zuill, Member of Advisory Board, Is Home Economics Speaker

The necessity of educating consumers and making them intelligent concerning the quality and value of the goods they buy, is urged by Miss Frances Zuill, head of the department of home economics of the University of Iowa. Miss Zuill was the speaker at the Saturday assembly program which was sponsored by the home economics division.

An educational program, which Miss Zuill believes might well be termed "buymanship" as contrasted with salesmanship, will require years, she believes. Miss Zuill is a member of the consumers' advisory board of the NRA and of the consumers' council of the AAA.

New interest in consumer education is largely due to agencies set up by the government such as the consumers' advisory board of the AAA, the consumers' advisory board of the NRA and the consumers' division of the national emergency council, she declared. Even though the NRA and other agencies created during the past two years do not survive, she feels that a permanent organization for the consumers' benefit should be maintained in an already existing department of government.

"The consumers' council has attempted to get manufacturers to label all goods properly and accurately, but has been unsuccessful due to the lack of cooperation of consumers. One large eastern retailer told members of the committee that consumers in general are inarticulate, uninformed, and unintelligent, and wish to be fooled, in giving his reasons for refusing to place accurate labels on goods," she declared.

"Industry can show that consumers like to have skunk furs labeled black martin even if they know it is skunk, and want a \$2.98 shoe labeled all-leather when they know it cannot be all leather."

"So long as we will use only goods which are described in superlatives the manufacturer will label them in superlatives," Miss Zuill declared in her final plea for consumer education.

Attend Power Show

F. J. Zink, June Roberts, W. C. Hulbert, and E. L. Barger, of the agricultural engineering department, attended the Western Tractor and Power Machinery show in Wichita recently. C. H. Scholer, of the applied mechanics department, and L. E. Conrad, of the civil engineering department, also attended. The outstanding new developments, according to Mr. Barger, were the inclosed gear mowers shown by most companies.

PROGRESS OF KANSAS PRESS

F. E. C.

The Oberlin Herald has been printing Who-Is-It? pictures of old settlers for readers to identify. E. W. Coldren and E. R. Woodward are the publishers.

E. K. Hafflich, for the past 12 years circulation manager for the Falls City, Nebr., Daily Journal, has been made circulation manager of the Herington Times-Sun.

At Independence, the South Kansas Tribune, C. A. Connelly and Earl Yoe, editors, celebrated its sixty-fifth birthday recently. During the 65 years, it has never missed an issue.

In its "On and Off Broadway" column, the Larned Tiller and Toiler recently introduced its employees to subscribers. Many interesting sidelights of their lives were given. John Watson, '30, is general editorial man on the Tiller and Toiler staff.

The Johnson County Democrat recently ventured into a field seldom

invaded by small town newspapers when it installed a photo-engraving department. The Democrat is now equipped to take its own pictures, develop them, and make the cuts ready for the newspaper. The March 7 issue carried seven pictures which had been made up in the new department. Slightly over an hour's time is required to produce a cut from a photograph in their new department. Frank Hodges is editor and publisher of the Democrat.

Saturday issues of the Emporia Gazette, by William Allen White and his son Bill, will appear in tabloid hereafter. Besides 16 pages of black and white, one section in yellow is devoted to comics. After the first issue of the small-size paper, readers were asked how they liked it. Most of them were either lukewarm on the change or openly opposed to it. Which suggests again that subscribers are finicky about their newspaper.

HOME 'EC' CONVENTION IS LARGEST IN HISTORY

TESSIE AGAN ELECTED TREASURER—NEXT SESSION IN LAWRENCE

Five State Colleges and More Than 30 High Schools Sent Delegations—Student Club Visitors Totaled 305

A veritable family reunion was the eleventh annual convention of the Kansas Home Economics association, which met last week end on the Kansas State college campus. Many alumnae were among the visitors at the meeting, which was the largest in the history of that organization, according to Prof. Margaret Ahlborn, assistant dean of the home economics division.

FIVE COLLEGES REPRESENTED

The five state colleges were well represented, 30 high schools made reservations before the meeting, and still more schools sent unheralded delegations. There were 210 paid registrants, and enough others to bring the number close to the 275 mark. Student club visitors numbered 305, 75 of them being from other college clubs, the rest from high school organizations.

Mrs. George Beal, president of the Kansas League of Women Voters, was unable to be present to discuss legislative problems of women's interest. In her place W. T. Markham, state superintendent of public instruction, addressed the group on the state's educational needs, especially the school equalization funds bill.

MRS. GROESBECK A SPEAKER

Mrs. L. C. Cutler, legislative chairman for the Kansas Federation of Women's clubs, also was absent. Mrs. Arthur Groesbeck, director of the civic department of the Topeka Women's club, spoke instead, and related her experiences in lobbying for the child labor amendment.

The two newly elected officers were Manetta Heidman, Hays, vice-president, and Tessie Agan, Kansas State college, treasurer. Next year's convention is to be at Lawrence in March.

AVERAGE 'CHRISTIAN' HAS CAVE MAN ETHICS-RELIGION

Curry Declares Intelligent People Can't Believe Conventional Teachings about God, Prayer, Bible

The religion of the "garden variety of Christian" in America has in it only about one and one-half per cent of Jesus' ethics, consequently "almost no kick at all." So much of magic and superstition remains in it that no intelligent college student can accept it.

That was the gist of the student assembly lecture given last Monday afternoon by Dr. Bruce Curry, professor of practical theology in Union Theological seminary, New York City, on "High and Low Religion."

"Is religion possible for an intelligent person in a scientific world?" and "Is it necessary for adults?" were the two questions which he undertook to answer in the affirmative. But that affirmative answer, he declared, was possible only if Christianity is defined at its highest.

Seventy-five per cent of so-called Christians have notions about God, the Bible, Jesus, prayer, which are for the intelligent no longer tenable, he declared. They do not realize that much of the Old Testament has the ethical standard of the cave man, reflecting the barbarous times in which it was written, and superstitions and belief in magic carried over from primitive days. In trying to get young people of today to accept such ideas these Christians are driving them away from all religion.

Men and society desperately need a high type of religion in order to bring peace, security, and comfort to the world, he concluded. Barriers of race, nation, sect, capital and labor, college fraternities would then disappear.

The college girls' band dressed in white conducted by Laura Donat, junior, played several selections for the opening of assembly. Mary Elizabeth Guthrie, freshman, played two harp solos. Devotionals were read by Miss Ruth Gresham, senior student.

Taberner Returns

Dr. F. R. Taberner, '29, who has been in temporary service of the United States bureau of animal industry in Denver, has returned to Manhattan.

THE KANSAS INDUSTRIALIST

Volume 61

Kansas State College of Agriculture and Applied Science, Manhattan, Wednesday, March 27, 1935

Number 24

GEARY-DICKINSON PLAN BETTER LIVESTOCK DAY

ABERDEEN-ANGUS BREEDERS OF
TWO COUNTIES TO MEET APRIL 18

Exhibits of Cattle, Judging Contests,
Talks, and Free Lunch on Program
—Much Enthusiasm Despite
Drouth and Feed Shortage

Drouth and feed shortage will be forgotten in the enthusiasm of the tenth annual Better Livestock day to be held by the Aberdeen-Angus breeders of Geary and Dickinson counties April 18 at the Ralph Poland farm southwest of Junction City.

Better Livestock day is one of the outstanding farm meetings held in Kansas each year. Although financed and managed by the breeders, many farmers and their wives in Geary and Dickinson counties who do not raise purebred cattle help in various ways to make the event a success. Despite unfavorable weather conditions, those in charge are planning to make the tenth anniversary meeting an outstanding one.

MANY JUDGING CONTESTS

Exhibits of purebred Aberdeen-Angus from herds in Geary and Dickinson counties; judging contests for 4-H club teams, vocational agriculture teams, and farmers; a free lunch featuring prime Aberdeen-Angus beef, and a program of talks are included in the arrangements.

Judging contests will start at 9:30 o'clock. This year two cups are being offered by the American Aberdeen-Angus Breeders' association—one for the high 4-H club team and the other for the high vocational agriculture team. Professors F. W. Bell and J. J. Moxley of the college will be the judges. Prof. W. E. Connell is in charge of entries and will supervise the calculation of results. County agents and vocational teachers are requested to send their entries to Mr. Connell as early as possible in order to avoid confusion and delay the morning of the contest.

PRIME BEEF FOR LUNCH

A free lunch of prime Aberdeen-Angus beef will be served at noon. Following lunch there will be several appropriate talks.

A. J. Schuler of Chapman is president of the Angus Breeders' association; J. B. Hollinger, Chapman, is vice-president; and Ralph Munson, Junction City, is treasurer. Mr. Munson is a Kansas State college graduate. Eight committees assist these officers in handling details of Better Livestock day. Paul B. Gwin, Geary county agent, and O. W. Greene, Dickinson county agent, also assist.

STATE WORKER INSTITUTE BRINGS 65 TO K. S. CAMPUS

Rural Community Leaders Being
Trained to Supervise Adult Education
—Study Social, Labor Problems

Kansas State faculty members are among the speakers scheduled for the Teachers' Institute in Workers' Education now being conducted on the campus. Sixty-five leaders representing 26 Kansas counties registered Monday, March 25, for the week of instruction. When this unit of lectures is completed, April 1, they will go to the University of Kansas to study industrial and labor problems. The aim of this traveling institute is to instruct the leaders in supervising adult education in their home communities. Some of these leaders are unemployed school teachers. The Kansas emergency relief committee is sponsoring it under the state department of public instruction.

Rural problems and social science are the two subjects being especially stressed here on the Kansas State campus. Prof. W. E. Grimes, head of the department of agricultural economics, and Prof. Harold Howe, of the same department, are giving daily lectures from 10 to 11:30 and from 1:30 to 3. Prof. H. T. Hill, head of the public speaking department, lectured Tuesday afternoon and will again tomorrow at 3:30. Other fac-

ulty men are to be drafted later in the week.

Hans Holberg, assistant supervisor of workers' education sponsored by KERC, is in charge of the institute and will be on the program. Cal Ward, president of the Kansas Farmers' union, is another scheduled speaker.

CLAPP SUCCEEDS WELLS IN CROP IMPROVEMENT BODY

For 15 Years Kansas State Man Has
Done Much Toward Improving
Kansas Crops

A. L. Clapp of the department of agronomy of Kansas State college, has been appointed secretary-treasurer of the Kansas Crop Improvement association, succeeding E. B. Wells, formerly of the college staff, who is now in the commercial seed business.

For more than 15 years Mr. Clapp has devoted much of his effort to the improvement of crops on Kansas farms. During the past four years he has had charge of cooperative experiments in agronomy and has obtained information as to the best varieties of crops for all sections of the state.

The Kansas Crop Improvement association is an organization of approximately 300 Kansas farmers who make a business of growing certified high quality seed of adapted varieties of field crops. The association has been growing certified seed more than 25 years and many thousands of bushels have been distributed for planting. As a result a large proportion of the fields of Kansas are planted with certified seed or seed removed only a few years from certification.

Only varieties which the agricultural experiment station has found superior and well adapted for planting in Kansas are certified. Certified seed is grown in cooperation with the department of agronomy under regulations which insure high quality seed which is true to name, which does not contain mixtures, hybrids, or weed seeds, and is not diseased. Every field must pass inspection and seed must be tested in the state laboratory before it is certified. Dealers and farmers place dependence upon certified seed.

STRATTON HEADS COLLEGE MATH SECTION OF K. A. M. T.

Miss Holroyd Elected Editor of Asso-
ciation Bulletin—James Lec-
tures on Linkages

Five Kansas State college people were in the limelight March 16 in Topeka when the Kansas Association of Mathematics Teachers and the Kansas section of the Mathematical Association of America had their annual meeting. Three were on the program. Prof. W. C. Janes gave an illustrated lecture on "linkages" showing how many unusual mathematical curves can be drawn by pivoting bars together. Prof. R. D. Daugherty demonstrated the trigonograph.

Delbert Emery, '25, now teaching in Manhattan high school, was chairman of the high school section. Dr. W. T. Stratton was elected chairman of the college section for next year and Miss Ina Holroyd was elected editor of the Mathematics bulletin.

The entire Kansas State college mathematics faculty and Dean R. W. Babcock attended the sessions.

Charles to Omaha Meeting

Prof. F. E. Charles of the department of industrial journalism and printing has returned from a meeting of the directors of the American College Publicity association held in Omaha, Neb. The directors planned for the national meeting which is to be held in Omaha in June.

Grimes in McPherson

Dr. W. E. Grimes will speak at the cooperative school in McPherson today. This school is a part of the Consumers Cooperative association program.

WORLD PROBLEMS FOR THREE-DAY FORUM HERE

INDIA, JAPAN, EUROPE, CENTRAL
AMERICA ARE LECTURE SUBJECTS

American, Long a Resident in Orient,
to Interpret Japanese for Campus
and City—World Traveler to Dis-
cuss European Situation

An American professor in a great Japanese university, a Kansas educator who was for ten years president of an Indian school, a man who has been studying European problems at first hand, and a mid-west church man are to be next week's World forum speakers. This quartet of lecturers will give people of Manhattan and the college a clear picture of the present world condition, its hopeful and its ominous aspects.

World forum opens with a lecture, "What Japan Thinks of America," in student assembly at 10 o'clock Friday, April 5, by Dr. H. B. Benninghoff. Doctor Benninghoff is acting as a student pastor and lecturer on American institutions in the department of political science in Waseda university, Tokio, where 10,000 students are enrolled. He has lived in Japan almost continuously since 1907.

HEKHUIS AT NOON MEETING

Dr. Lambertus Hekhuis, dean of Fairmount college, Wichita, will address the noon forum group in Thompson hall on the relation of students to the educational program and to society as a whole. Doctor Hekhuis was president of Voorhees college, Vellore, Ind., from 1916 to 1926, and is now head of the departments of religious education and philosophy.

The Rev. Carter Harrison, Episcopal student pastor, University of Kansas, will speak at a mass meeting in Recreation center at 8 o'clock Friday night, on conditions in central Europe. For ten years Mr. Harrison has been visiting Europe, and has recently concentrated somewhat upon central Europe.

Both Mr. Harrison and Mr. Hekhuis will speak in the high school, and Mr. Harrison and Doctor Benninghoff will address the city missionary societies.

IN CITY CHURCHES SUNDAY

Saturday's program follows: talk on India by Mr. Hekhuis at 9; on "East Versus West: A Clash of Attitudes" at 10 by Doctor Benninghoff; on "Central America" at 11 by Mr. Harrison; on "Japan in the Far East" at 7:30 p. m. by Doctor Benninghoff. All are to be in Recreation center. All four men will address those attending the Methodist student dinner at 6 o'clock that night. Sunday morning all will be heard

WINTER WOOLENS SHOULD BE CLEANED, NOT HUNG AWAY CARELESSLY, SAYS SPECIALIST

Winter woolen garments should be cleaned and not hung away carelessly in the spring, warns Miss Loretta McElmurry, clothing specialist at the college. The neglected grease spot, the lint filled fold and turned back seam are fine places for moths to lay their eggs.

A few drops of peroxide of hydrogen in warm water will take out the stain of clay on a white or cream wool, she says. A mild soap suds with a few drops of ammonia and a soft cloth can be used to remove grease spots, clear water will take out sugar spots. Carbon tetrachloride is most effective for small oil spots, but should be used near an open window.

To wash woolen stuffs have a large quantity of soft water heated hotter than it is to be used. Cool the amount needed just before using as the washing process should be done quickly without cooling the wool. Two washings and two rinses are usually necessary, all lukewarm. A mild soap jelly thoroughly dissolved in the water is best as the free alkali combines with the grease in the garment. Keep the garment under

in one or another of six city churches: First Presbyterian, United Presbyterian, Congregational, Christian, Baptist, Episcopal, Methodist.

The Rev. Edward Hislop, district superintendent of the Kansas City district of the Methodist Episcopal church, will speak on problems of personal religion. He is a graduate of Baker university, and formerly pastor of a church at Lawrence.

J. S. GLASS HEADS FOREST SERVICE WORK IN KANSAS

Personnel of CCC To Be Enlarged—
New Units Will Be Used in
Soil Erosion Work

John S. Glass, professor in charge of rural engineering, who recently returned to the college from Manhattan where he was engaged in soil erosion work with the United States department of interior, has been appointed director of forest service CCC work for Kansas.

Headquarters for conservation work has been transferred from Toronto to his office in the engineering building.

There are four camps available for soil erosion work. The personnel of the CCC is to be enlarged and as new units are added they will be used in soil erosion work rather than in additional lake and dam construction.

"All lake and dam projects now under construction will be completed, however," said Mr. Glass. "We cannot use CCC labor for a project which will benefit one individual, but only on projects where the work will be of benefit to an entire community. If a farmer wishes to terrace his land we can build water courses to remove the water diverted from its course and protect his terracing operations, but we cannot do the terracing for him.

"Any gully extending through a number of farms and regarded as detrimental to a community can be remedied by CCC men. Any work necessary to stop further erosion will be carried out by these supervised groups."

The soil erosion program, which includes the planting of trees, is a combined project of the United States forestry service, the state government, and the college.

The agronomy phase of the work will be in charge of L. E. Willoughby, associate professor in the department of extension engineering.

Brenneman's Father Dies

Prof. J. L. Brenneman, of the electrical engineering department, went to Goshen, Ind., Monday, to attend the funeral of his father who was killed in an automobile accident Sunday.

LISTING AT \$1 AN ACRE IS REMEDY, CALL SAYS

PRESIDENT FARRELL TO WASH-
INGTON WITH REPORT

Dean of Agriculture Recommends List-
ing of Between Two and Three Mil-
lion Acres to Prevent Kansas
Soil Blowing

Listing between two million and three million acres of western Kansas land will be necessary to control blowing of soil in the state, Dean L. E. Call of the division of agriculture believes. Saturday he prepared a lengthy statement on the soil blowing problem following two extensive trips into western counties.

Dean Call had just returned from an eight-day inspection trip. He had traveled between Manhattan and Hays, south to Jetmore and Garden City, east through Dodge City, Greensburg, Pratt, Kingman, and Wichita. On a second trip he was in Colby on March 20 when one of the most severe dust storms occurred. Subsequently he drove southward through Oakley and Scott City to Garden City. On these trips Dean Call conferred with business men, farmers, county commissioners, county agents, and others relative to the soil blowing problem.

FARRELL TO WASHINGTON

The statement is being carried to Washington, D. C., by President F. D. Farrell of the college and given to officials who are expected to cooperate in an effort to control soil blowing. President Farrell left for Washington Monday.

With the statement was included a map showing the counties in which soil blowing is most serious. The area includes approximately 10 million acres of cultivated land in the territory lying westward of a line drawn between Jewell and Republic counties on the north and angling slightly southwestward across the state to Clark county.

Dean Call recommends listing as a control measure for some two to three million acres of land that is most subject to blowing.

"The acreage of cultivated land remaining in this area should be listed either solidly or strip listed as a protective measure against blowing and as a preparation for the planting of spring crops and for fallow," the statement said.

Farmers in the area are anxious to cooperate, Dean Call said. The chief difficulty is lack of funds for the purchase of oil, gasoline, feed, and repairs which farmers find necessary before they can carry out the strip listing program.

CALL ANALYZES CONDITIONS

Three types of conditions were cited by Call:

First, areas where there is a soil cover of growing wheat, representing sections that received showers last fall. Very little blowing has occurred in these areas but fields are covered with a thin layer of dust and the fields where the wheat is thin should be strip listed as a protection until good rains come.

Second, areas where extreme blowing has occurred and where the soil blows whenever heavy wind occurs. These areas vary in size from two or three sections to a hundred sections or more. "It is futile for individual farmers to attempt to control soil blowing in such areas," Call said. "Blowing can be controlled only through the cooperation of a sufficient number of listing units to cover the entire area in a comparatively short time. Every foot of cultivated land in a territory of this kind should be listed solidly and deeply."

Third, areas intermediate between these two extremes, comprising 50 to 75 per cent of the cultivated land in the blowing territory. In this type there are many individual fields, ranging in size from small patches to a section or more, that are blowing. Such areas can be controlled by individual farmers if the fields are solidly listed and if surrounding ter-

(Concluded on last page)

The KANSAS INDUSTRIALIST

Established April 24, 1875

F. D. FARRELL, PRESIDENT..... Editor-in-Chief
R. E. CHARLES..... Managing Editor
R. I. THACKER, H. P. HOSTETTER,
RALPH LASHBROOK..... Assoc. Editors
KENNETH L. FORD..... ALUMNI EDITOR

Published weekly during the college year by
the Kansas State College of Agriculture and
Applied Science, Manhattan, Kansas.

Except for contributions from officers of the
college and members of the faculty, the articles
in THE KANSAS INDUSTRIALIST are written by
students in the department of industrial jour-
nalism and printing, which also does the me-
chanical work. Of this department Prof. C. E.
Rogers is head.

The price of THE KANSAS INDUSTRIALIST is
\$3 a year, payable in advance.

Entered at the postoffice, Manhattan, Kansas,
as second-class matter October 7, 1918. Act
of July 16, 1894.

Make checks and drafts payable to the K.
S. C. Alumni association, Manhattan. Sub-
scriptions for all alumni and former students.
\$3 a year; life subscriptions, \$50 cash or in instal-
ments. Membership in alumni association in-
cluded.



WEDNESDAY, MARCH 27, 1935

WHITE MAN BLUNDERS AGAIN

Man reaps in accordance with
what he sows.

In keeping with that paraphrase,
Kansas has been reaping a harvest
of dust. Because great fields in the
high prairie regions were brought
under the plow carelessly and illogi-
cally, the whole of the midwest has
been made to suffer. Dust storms of
the last month can be blamed upon
the drouth, the high winds, faulty
tillage methods. Any of a dozen
other excuses may be offered. But
when the excuses have been made,
they all simmer down to one thing:
man's overwhelming lack of fore-
sight and his disregard for the wel-
fare of posterity.

Not everyone failed to see the folly
of breaking out the short-grass prair-
ies. Many an old-time cow man
looked upon the practice with mis-
giving. Trained agronomists, fam-
iliar with soil and atmospheric con-
ditions of the southwest, knew what
to expect. They advised against
bringing the prairie empire exten-
sively under the plow. Wheat grow-
ers of the southwest—many of them
"suitcase farmers" from distant
points—paid no attention to such
advice.

Early this year soil authorities of
the college said western Kansas soil
would blow, unless moisture came in
late winter or early spring. The mois-
ture did not fall. The result is known
far and wide.

Soil blowing and dust storms will
continue as long as the plains remain
dry and the seasonal winds whip fine
soil particles into the air. There is
only one corrective measure known
to science. That is the system of
plowing lister furrows every few rods
across wheat fields and fallow land.
Except for the most sandy land, deep
listing will retard soil blowing suf-
ficiently to solve the problem for all
practical purposes.

The effectiveness of the plan, how-
ever, depends upon concerted action.
It will do little good for an occasion-
al farmer to furrow his fields. Prac-
tically one hundred per cent of the
unprotected land must be included in
the program. If that percentage is
furrowed, the blowing can be con-
trolled.

Obviously, the present effort to
stop soil blowing by furrowing is
only a temporary measure. Farmers
of the southwest need to adopt—on
a large scale—a permanent, long-
time, and perhaps even compulsory
program of soil management. This
would involve an intelligent system
of crop rotation, fallowing, re-estab-
lishing grass on much of the land
already broken, and painstaking till-
age of the soil. Until such a program
is adopted, the plains states will con-
tinue, intermittently, to suffer from
soil blowing and dust storms.

TOUGH OLD SUPERSTITION

Two investigators connected with
Teachers' college, Columbia univer-
sity, have been trying by question-
naires and interviews to find out how
far old superstitions still persist in
the minds of today's Americans. They
have found that everyone has at
least one pet superstition and that
many have still more.

Even the educated have not learned
sufficiently to differentiate between

hearsay and reliable evidence. Not
long ago when the trustees of one of
America's great universities gave
its annual dinner to the faculty, there
were 50 tables set and numbered—
but no table was numbered 13!

Though we call this a scientific age
and pride ourselves on our insistence
upon evidence to support conten-
tions, superstition is still a tough
customer to handle. Four-leaf clov-
ers, rabbits' feet, Friday, and num-
ber 13 yet hold sway over too many
modern minds. Or if not these, there
are such quaint notions as three-on-
a-match, and that one about having
to return for a forgotten article after
having started somewhere.

MUSIC

Miss Pelton's Recital

Three great candelabra of unwink-
ing tapers lightened the curtained
gloom of the college auditorium Sun-
day afternoon and made an impres-
sive setting for the stirring organ re-
cital given by Marion Pelton of the
music department.

Her program was in the spirit of
the Lenten season, conducive to med-
itation, though not all the music was
strictly religious. She opened her
program with a lovely impressionis-
tic composition, "Sarabande," by
Karg-Elert. In the second number,
Shure's "Wings of Light," under Miss
Pelton's touch it was easy to conjure
up the psalmist's vision of the Lord
who in response to his call of dis-
tress came riding upon a cherub, fly-
ing upon the wings of light.

Two seventeenth century numbers
were in the group, Rameau's "Minuet
and Gigue" and Couperin-Farnum's
"Soeur Monique," and served to give
sufficient contrast without being a
jarring note in a candle-light service.
Sister Monica, we gather from the
music, was not a mournful, holier-
than-thou person; she must have
gone cheerfully about administering
unto the poor and suffering.

The Bach number was a beautiful
one—"Christ Lay in Death's Em-
brace"—a choral prelude derived
from an old plainsong and published
with Luther's hymn in 1524. Its tri-
umphant passages and the rolling six-
teenth notes thrillingly recalled the
old story of the rolling away of the
stone from the sepulchre.

Reubke's "Ninety-Fourth Psalm
Sonata" composed the second half of
her program. Miss Pelton played it
with artistry, making the most of its
dramatic power and effectiveness.—
H. P. H.

LESSONS OF DEPRESSION

Too many people are in the cities
and too many people are trying to
farm. That is not necessarily a hope-
less situation. Between the cities and
the farm are the villages and towns
with a pattern of life that America
would do well to promote.

The great metropolis is not only
an unsafe and undesirable concen-
tration of population, but in the light
of modern ways it is unnecessary, if
not actually obsolete. Great cities
have grown largely because steam
power could be transmitted only by
the length of a leather belt and
shaft; therefore, factories grew large.
When freight could be moved only
by ships and trains, factories tended
to locate near to harbors or railroad
junctions. Trains could be stopped
economically only at infrequent sta-
tions, so business clung around the
depots. Old transportation methods
required that workmen live near
their factories.

None of these necessities now pre-
vails. Electric power may be wired
for long distances, and divided into
units of any size. The modern high-
way, the motor truck, and the motor
car relieve the need for proximities
that kept the factory, the worker's
home, the rail station, or the harbor
all close to each other.

From inertia and habit cities have
tended to keep on growing since
these changes set in. Industrial lead-
ers and the human race generally
have not realized that in the villages
of America and in the small towns
are innumerable locations where in-
dustry can now locate with ease and
economy, where labor can live in
greater comfort and security than the
big cities can possibly offer.

Mankind, searching for the lessons
of depression, ought not to overlook
the overpowering demonstration we
have had of the precariousness and
instability of city living for the aver-
age man. He has fared infinitely
better in the small community, espe-
cially where he has had the use of a
bit of land. The solidity and per-

manence of our civilization may de-
pend in no small degree upon the
extent to which we return to the vil-
lage and town patterns of living.

We are no doubt destined to be an
increasingly industrial nation. But
why not be a rural-industrial na-
tion?—Country Home.

BIG MONEY, QUICK

The farther we drove into the
semi-arid regions of the middlewest
the more I was convinced that it is
agriculture and not the stock market
that is our national gambling game.
The excitement of this game was cer-
tainly alive in the young man who,
leaning on the door of the car in
Dodge City, Kan., had been telling
us how for 21 days this summer it

Agronomist Anticipated Dust Storms

From an Address Delivered February 5 by R. I. Throckmorton

Soil blowing may occur in any locality when soil and
climatic conditions are favorable for such action. When
the soil is dry on the surface, quite fine, and relatively
smooth, it is in ideal condition for wind erosion. If the
atmosphere is dry and the wind is relatively strong, cli-
matic conditions are favorable for soil blowing. Both of
these conditions frequently exist throughout the west-
ern portion of the great plains during the late winter
and early spring.

Soil of any type may be injured by wind erosion un-
der certain conditions, but this injury is more likely to
occur on sandy and sandy loam soils, because the indi-
vidual particles in these soils may readily be picked up
and moved by the wind, while in the heavier soils the
surface is more likely to be rough and the particles tend
to adhere to each other.

In general, the longer soils are under cultivation the
more subject they become to wind erosion. Soils do not
blow readily during the first few years after the native
sod has been broken because of the influence of the grass
roots and other fibrous organic matter. Under cultiva-
tion, this material is soon destroyed by oxidation proc-
esses and it is destroyed more rapidly in regions of high
temperatures and relatively low rainfall than in cooler
regions. It is also destroyed more rapidly in sandy soils
than in heavier soils.

Soil erosion by wind, commonly called soil blowing,
is much easier to prevent than to control after blowing
has once started. Soil blowing may be prevented by main-
taining a cover on the soil throughout the winter and
early spring as by leaving wheat stubble or a stubble of
sowed feed crops on the land, or by having a good cover
of winter wheat. On the heavier soils it may be prevented
by blank listing the land during the late fall and early
winter and leaving this soil in a rough condition through-
out the period when soil blowing is more likely to occur.
On the sandy soils it is almost impossible to prevent
blowing when there has not been sufficient moisture the
preceding summer to form a cover for the soil. Condi-
tions existing in many sections of the western portions
of the great plains at present are such that unless there
is considerable rainfall during the late winter and early
spring, soil blowing undoubtedly will be very severe.

had been 102 in the shade (or for
102 days 121 in the shade), and how
when the wind blew for weeks on end
the dust in the air was so thick you
couldn't see the other side of this
street. "But I'll tell you one thing,"
he said suddenly, and the gleam
came into his eye, "this is the best
place in the world to make money.
Big money, I mean, quick."

"How?" I asked.
"Wheat," he said emphatically.
"Yessir, wheat. Why I've seen men,
fellows I knew personally right here,
make fifty thousand on one crop just
like that. All you got to do is get
a good year, plant your wheat, let
her grow, sell it for a dollar and a
half a bushel or so; yessir, you can't
make money any easier anywhere."
—Fleta Campbell Springer in Har-
pers.

IN OLDER DAYS

From the Files of The Industrialist

TEN YEARS AGO

Kingsley W. Given of Manhattan,
representing the college, ranked sec-
ond in the Missouri Valley oratorical
contest at St. Louis.

At an executive committee meet-
ing of the Y. W. C. A. and Y. M. C.
A. at Lawrence, Paul Pfuetze of Man-
hattan was elected chairman of the
Estes Park conference to be held the
latter part of August.

Conferring honorary degrees on
three alumnae of the college and
naming the home economics building
"Calvin hall" were to be features
of the home economics semicenten-

nial celebration at the college in
April. Mrs. Nellie Kedzie Jones, '76,
and Mrs. Henrietta Willard Calvin,
'86, whose name the hall was to bear,
were to receive the degree of doctor
of law. Miss Abby L. Marlatt, '90,
was to be granted a degree of doctor
of science.

TWENTY YEARS AGO

The Kansas Methodist conference
at Topeka appropriated funds for
religious work among students of the
denomination in the agricultural col-
lege and other state institutions.

The women's debate team of the
college was to meet debaters from
Washburn college here, discussing
the independence of the Philippines.
Members of the team were Mary Pol-

phones would prove a great time
saver.

FIFTY YEARS AGO

Superintendent Thompson lectured
during the public hour on "Some
Elements of Success."

Three important changes in postal
rates were to become effective July 1.
Postage on letters was to be reduced
from two cents a half-ounce to two
cents an ounce. Postage on news-
papers sent to regular subscribers
and on sample copies sent by publish-
ers was to be reduced one-half. All
cities of more than 4,000 population
were authorized to establish a spe-
cial 10-cent stamp delivery service,
for faster delivery of letters.

INDIAN SUMMER

Walter Benton in Harpers

Silent and swift as a shadow the sum-
mer passed.
The winds, whippet-bodied, bayed in
pursuit—
The panic-stricken leaves, jaundiced
with fear,
Swirled screamingly, followed the flee-
ing mother who
Unveiled her warm body, flung scorn-
fully
The web behind, and vanished in utter
disgrace.
The frenzied hounds assailed the gar-
ment,
Shred it into a cloud of flimsy threads,
And laced the earth with spun silver.

SUNFLOWERS

By H. W. D.

YOU BIG, WONDERFUL MAN!

This is a warning to 14 or any
multiple of 14 bachelors who may
drift within the cruising radius of
14 gals I know.

These 14 gals have lately chipped
in one quarter of a dollar each and
subscribed to a correspondence course
called Fascinating Womanhood, com-
plete in 10 weekly lessons. So far
they have received and mastered only
two lessons, consequently they are
not yet particularly dangerous.

But wait until I tell you how much
they learned from the first lesson
and you will see how unsafe the
bachelors in this neck of the woods
are going to be by the time the spring
of 1935 gets really going. What with
spring, and moonlight, and soft
breezes, and April odors, and May
flowers, I fear these young ladies are
going to write new meaning into the
word "irresistible."

Of course I cannot hope to enu-
merate—in a mere column—all that
these soon-to-be fascinating females
learned at their first conclave. I can
only inadequately summarize it for
you—hitting a few high spots.

In the first place, a gal, if she
hopes to be much of a wow, must
provide her victim with a sense of
her own femininity and an assurance
of his own masculinity. That, says
Lesson Number 1, is fundamental.

Immediately corollary is the neces-
sity of being weaker than the man
you are fascinating—physically, in-
tellectually, emotionally, and in every
other way weaker—no matter how
puny a sissy he may turn out to be.
Do not even beat him playing con-
tract. (What a break, lads, what a
break!)

Thirdly, man is a lover of the ide-
alistic, the glamorous, and the myste-
rious. Ergo, be glamorous and eva-
sive, and gulp masculine ideals as
they fall from masculine lips.

Fourthly, man is interested in his
own interests and prejudices, and not
in hair, knitting, female finery, the
pains, aches, and operations women
so enjoy, and catty remarks about
better looking women. These sub-
jects should be saved for the card
club and the Aid. Talk with your
Galahad about football, Huey Long,
stratosphere flights, and the rumpus
over in Europe.

Fifthly and finally, don't be too
talkative. Encourage the boy friend
to tell about his own exploits and
look as gah gah as you can while he
elaborates upon them.

When I perused fourthly and fifth-
ly I almost rose and shouted, "Long
live the first lesson in fascinating
womanhood." I was that enthusias-
tic.

But seriously, bachelors and may-
be even husbands, we boys are going
to have to be circumspect from now
on. If these 14 gals can learn so
much in one lesson, what they'll learn
in 10 will run our chances of escape
down to minus a million, at least.

AMONG THE ALUMNI

Archie Carpenter Peck, '96, is in the mercantile business in West Plains, Mo.

P. K. Symms, '01, is engaged in diversified farming on route 5, Atchison. Mr. Symms also is a breeder and feeder of shorthorn cattle. He has won several firsts on his cattle at the American Royal in recent years.

H. B. Holroyd, '03, is an industrial and agricultural agent for the Louisville and Nashville Railway company. His address is 1709 Edenside, Louisville, Ky.

Ralph T. Kersey, '04, is county treasurer of Finney county. He lives at 708 Fifth street, Garden City.

Dr. Glenn E. Whipple, '11, is vice-president and superintendent of production of the Corn States Serum company, Omaha, Nebr. His address is 2729 B street.

Omer I. Oshel, '13, is farming at Edgerton.

F. M. Wadley, '16, is an assistant entomologist in the United States department of agriculture. He is working with the Dutch Elm disease investigations. He and Berta (Chandler) Wadley, '12, live at 818 Bonifant street, Silver Spring, Md.

James Robert Dawson, '17, is a senior dairy husbandman in the bureau of dairy industry, United States department of agriculture. His address is box 667, Alexandria (Belle Haven), Va.

Mary (Dakin) Arnold, '18, is living at 919 Neosho, Emporia.

George A. Miller, '19, and Dora (Grogger) Miller, '20, live at 3925 Cleveland avenue, Kansas City, Mo. Mr. Miller is a mechanical engineer under the civil service. He is designing dredging equipment for the construction of Fort Peck dam.

Charles F. Swingle, '20, is a research horticulturalist with the United States department of agriculture. He and Mildred (Berry) Swingle, '19, live at 2901 Legation street, Washington, D. C.

Dr. E. A. Tunnick, '21, is an associate pathologist at the Montana experiment station. He is doing research work in animal diseases in the veterinary research laboratory. Doctor Tunnick and Gertrude (Cate) Tunnick, f. s. '22, live at 808 South Third avenue, Bozeman, Mont.

Elizabeth McNew (Winter) Fly, '21, is teaching homemaking in the Amarillo, Tex., senior high school. Her address is 2215 Ong street.

E. E. Huff, '22, is manager of his Farm Service company and the E. E. Huff Insurance company. His address is 1024 South Tenth street, Chickasha, Okla.

Hazel L. Graves, '22, is home demonstration agent at the University of Kentucky. She lives at Richmond, Ky.

Ray S. Circle, '23, and Gertrude (Fulton) Circle, '23, live at Hazelton, where Mr. Circle is farming.

Claude R. Butcher, '24, is resident engineer inspector for the federal emergency administration of public works. He is in charge of a \$900,000 building project for the public works administration at Washington State college. He and Nettie (Pfaff) Butcher, '23, live at the Elmhurst apartments, Pullman, Wash.

Dr. Floyd Edgar Hull, '25, is assistant veterinarian in the Kentucky experiment station, Lexington, Ky. He also is an instructor in the department of animal pathology at the University of Kentucky. He teaches anatomy and physiology. He and Josephine (Labore) Hull, f. s. '22, live at 208 Woodpoint road, Lexington, Ky.

Martha E. Foster, M. S. '26, is teaching biology and general science in the Eugene Field school in Tulsa, Okla. Her address is 7809 East Admiral place.

G. G. Brown, '26, is machine designer and engineer for the All Steel Products Manufacturing company. The company makes oil field equipment. Mr. Brown lives at 352 South Chautauqua, Wichita.

Pauline Christensen, f. s. '27, is teaching in the primary grades in Caldwell.

V. E. Fletcher, '27, is teaching vocational agriculture in St. George.

Eldon T. Harden, '28, is an agronomist in the Kansas soil erosion area for the United States department of interior. He is located at Mankato. Dr. K. W. Nilmann, '29, lives at 121 South Hamilton street, Madison, Wis.

Frances R. Conard, '30, is a student dietitian at Michael Reese hospital, Twenty-eighth and Ellis avenue, Chicago, Ill.

George A. Graham, '31, and Dorothy (Holm) Graham, f. s. '31, are living at Dwight where Mr. Graham is teaching.

Arthur J. Howard, M. S. '32, is in the national park service of the United States department of the interior. He is landscape architect for Missouri state parks.

Alvin H. Stephenson, '32, is home-stead rehabilitation adviser of Ellsworth county. He and Ruth (Smith) Stephenson, '32, are at home in Ellsworth.

Virginia Maurine Steele, '33, is home economist for the Puget Sound Power and Light company of Seattle. She is demonstrating General Electric electrical appliances. Her address is Chehalis, Wash.

Irene Morris, '34, is a home adviser with the Kansas emergency relief committee. Her address is 211 East Seventh street, Concordia.

Kenneth D. McCall, '34, is an assistant engineer in the water resources division of the department of agriculture. He lives at 514 Ninth street, Garden City.

MARRIAGES

KING—HODSHIRE

Sophia King and Claude Allen Hodshire, '34, were married February 17 at New Hobbs, N. M. Mr. Hodshire is employed by the Petty Geographical Engineering company in New Hobbs, N. M., where they will live.

HARVEY—COPENHAVER

The marriage of Mary Elizabeth Harvey, f. s. '32, and Lloyd Copenhaver, '33, took place March 2 in Dodge City. Mr. Copenhaver is a landscape engineer with the state highway department. They live at 1301 Topeka avenue, Topeka.

LINDQUIST—WERTZBERGER

The marriage of Pearl Lindquist, f. s. '34, and Melvon Wertzberger, '34, took place February 9 in Liberty, Mo. Mr. Wertzberger is connected with soil erosion work at Mankato. Mrs. Wertzberger plans to join him there later in the spring.

GRAY—WARNER

Ione Gray and John Robert Warner, '31, were married March 16 in Topeka. Mrs. Warner has been secretary for the Peerless Life Insurance company in Topeka several years. Mr. Warner is associated with the Southwestern Bell Telephone company. They live at 1242 Polk street, Topeka.

WHITCHURCH—FOLAND

The marriage of Jessie Mae Whitchurch and Lyle Foland, f. s. '31, took place February 20 at Nowata, Okla. For the past year Mrs. Foland has been in nurses' training at the Southeast Kansas hospital in Coffeyville. Mr. Foland is a salesman for the Phillips Petroleum company. They live at 510 West Tenth street, Coffeyville.

DEATHS

PECK

Francis Warren Peck, Bronxville, N. Y., died March 6. Mr. Peck was the husband of Helen Pearl (Dow) Peck, '91.

REECE

Harriet (Thackrey) Reece, '98, died on March 6 at her home in Simoleon, Nebr., of a stroke of apoplexy. She had been in poor health for some time. She is survived by her husband, Charles Reece, four daughters, two sons, two sisters, and five brothers. Interment was in Sunset cemetery, Manhattan.

Holding Irrigation Meetings

Professors H. L. Lobenstein, W. G. Ward, and H. E. Meyer are holding a series of five district meetings for gardening and irrigation of gardens in western Kansas. These meetings are in connection with farm and garden ponds which have been built under the water conservation program.

LOOKING AROUND

KENNEY L. FORD

The following is a letter received recently by Prof. L. E. Melchers of the college from Chester A. Wismer who was a graduate student in the department of botany and plant pathology in 1932-33 and who is now employed by the Firestone Rubber company on its rubber plantations at Monrovia, Liberia. He probably will remain in Africa at least two years. The letter:

Firestone Plantation company
Monrovia, Liberia
February 3, 1935.

Dear Professor Melchers:

I have been having many enjoyable experiences. Leaving Kansas December 16, I went to New York City for three days. An additional day was spent in Morristown, N. J.

My boat Padnsay (pronounced Pansy) left New York City December 21. Our first port was Dakar on the west coast of Africa. There are a few French people there, but about 95 per cent of the people are natives. I bought a helmet and tried to buy mosquito boots. It was difficult to make the people understand what I wanted. I got quite a thrill seeing this country, since it was the first foreign town I had ever visited. The natives carry everything on their heads.

We also stopped a few hours at Freetown (southeast of Dakar along west coast of Africa), but it was in the evening so we didn't see much. I had intended to go down to Cape Palmas, but they changed my mind for me when I landed at Monrovia (Liberia). Monrovia is a run-down, dirty town. The main street is along the water front and the smoked fish in the markets smelled rather spoiled to me.

The Firestone plantation is about 40 miles inland from Monrovia, on the Du river. The company has cleared approximately 50,000 acres, but this includes swamps so I do not know just what the acreage is in rubber. Mr. Vepond just finished clearing about 4,000 acres which will be planted to rubber this spring. It is quite a job developing a new area. Other work on the farm consists of supplying new trees in young areas, pruning, and weeding. My work consists of checking up on the native boys who are digging the holes and pruning. There are 500 or more boys working at this job. It is difficult to get them to dig holes as it is rather hard work. Then some of the overseers and headmen (natives) are a bit crooked.

I have enjoyed the situation since being here. It is cooler than I expected, especially at night. One usually sleeps under a light blanket. It often gets rather warm during the day, but not any worse than I have seen it in Kansas.

My big moment came about a week ago when I shot two deer in about 20 minutes. The boys usually run them out of the brush when they do the clearing and on that day I got two deer out of three shots with a .32 calibre rifle, missing the first when they ran out of the brush into the clearing. Since it was the first time I ever shot at a deer, I can't help bragging about it.

I hope you are having a pleasant year. Give my regards to other members of the department. With best wishes, I remain,

Very truly yours,
Chester A. Wismer.

In Charge of Exhibit

Murray Matter, '33, and Roy Selby, '32, who have been working for the soil erosion service of the U. S. department of interior for about a year, were in charge of the soil erosion exhibit at Open House last week. They are stationed at Mankato, Kan.

To Judge Flower Show

Prof. W. B. Balch of the department of horticulture will be in Omaha, Nebr., March 30 to April 7 to judge exhibits at the National Flower show. J. K. Bigford and J. D. Miller of Manhattan will accompany him.

Many to A. S. M. E. Meeting

Twenty-two men from Kansas State college attended the meeting of the Kansas City section of the American Society of Mechanical Engineers in Kansas City March 20.

The Kansas City section of the American Institute of Electrical Engineers joined in the meeting. R. E. Flanders, president of the American Society of Mechanical Engineers, gave the main address, "The Engineer and Social Well Being." C. E. Davies, secretary of the society, also gave an address, "Engineering Council for Professor Development."

SPRING PLAY VICIOUS AS GRIDMEN VIE FOR BERTHS

Freshmen Sound Warning to Veterans as Activities Go into Fourth Week

When the Kansas State football team prepares to defend its Big Six championship next fall, the players will lack neither earnestness of execution nor knowledge of blocking, tackling, and ball carrying. This fact became apparent Saturday in the first practice game of the spring football session. Play was unusually vicious for spring practice, the motive being stiff competition for berths on the team.

Older members of the team have been sounded a warning by several freshman squadmen who have shown a serious state of mind in the activities which are now going into the fourth week. Particularly showy in the game Saturday was the performance of several freshmen, namely Ken Conwell, a defensive back from Manhattan; Fred Sims, a speedy quarterback from Tulsa, Okla.; Richard Hotchkiss, Manhattan, a good punt returner; M. W. Jensen, Leavenworth, end; and Don Buxton, a lineman from Wichita.

Apparently the players find favor with Head Coach Wes Fry's policy of "fun and fundamentals," for increasingly large numbers of boys are reporting nightly to receive the tutelage offered by Fry, Stan Williamson, Chili Cochrane, and Gene Sundgren. So far most of the instruction has been on perfecting the defensive side of the attack, although much stress has been put on offense.

COLLEGE BAND CONCERT OF POPULAR NUMBERS

George Henry To Conduct Sunday Afternoon Program

The college band, led by George Henry, will give a popular concert Sunday afternoon, beginning at 4:15. Marches, operatic overtures, numbers descriptive of Russian and American life, showy pieces, humorous selections provide color and variety in the program.

The first group will be Rossini's "Barber of Seville Overture," R. B. Hall's "Independencia," and Chenette's "The Big Parade." The second group will be Ippolitow-Iwanow's "Caucasian Sketches," Hall's "S. I. B. A. March," Alford's "Glory of the Gridiron," and King's "Sir Galahad." The third will be Casey's "Polka," Genne's "Father of Victory," Miller's "On the Way," and Huggins' "Them Basses."

Fords on Extended Tour

Motion pictures of Kansas State's Big Six championship football team in action will be shown to graduates and former students at 20 meetings the next three weeks in the southern states. Alumni Secretary Kenney L. Ford, accompanied by Mrs. Ford, is attending the meetings. Mr. Ford plans to visit many alumni and will attend the annual meetings of the American Alumni council in Washington, D. C., April 4, 5, and 6.

Debaters Win Two of Five

In competition with 11 other middle-western schools, Nathan Shapiro, Manhattan, and Walter DeLapp, Elk City, Saturday won two of five debates in which they participated in a tournament at Kansas university. The Universities of Iowa, Kansas, Oklahoma, and Texas tied for the championship, each winning four of five debates. The subject was unicameral legislature. The Kansas State debaters were accompanied by Coach H. B. Summers.

Cosmos to Winfield

A group of members of the Kansas State Cosmopolitan club will go to Winfield this week-end to initiate 17 Southwestern college students who are organizing a similar club. The Southwestern group will not be connected with the national organization but plans to get a charter later.

RECENT HAPPENINGS ON THE HILL

Lenten plays are being given on the Y. W. C. A. programs at 4:30 o'clock Tuesday afternoons. This series will be continued until Easter.

At a recent meeting of the Dairy club seven new members were initiated. They are Francis Hall, J. Leroy Young, Paul Hunter, H. J. Scanlan, V. E. Danielson, Rex Watts, and R. J. Steele.

Prof. W. B. Balch of the department of horticulture will judge exhibits at the National Flower show at Omaha, Nebr., March 30 to April 7. J. D. Miller and J. K. Bigford, both of Manhattan, will accompany him.

Miss Martha S. Pittman, head of the department of food economics and nutrition, stressed careful buying for families of limited income in a radio talk, "How Do We Buy," on the housewife's half hour program recently.

L. H. Means, '24, of the General Electric company, Schenectady, N. Y., visited the college March 19 and 20 to interview senior mechanical and electrical engineering students interested in obtaining positions with the General Electric company.

The department of food economics and nutrition is using a new laboratory press in an attempt to discover any correlation between the amount of juice pressed from cooked meat and the flavor due to the juices present. Miss Gladys Vail is directing this experiment.

The 1935 Royal Purple will go to press April 1 and will be ready for distribution May 1, according to Spencer Wyant, editor, and C. J. Medlin, graduate manager of publications. All pictures have gone to the engraver and approximately half of the copy has been sent to the printer.

Alpha Zeta, honorary agricultural fraternity, entertained with its annual formal dinner dance for members and initiates at Thompson hall Friday night. Charles Murphey presented the 14 new initiates. Albert Thornbrough extended a welcome and Leonard Miller gave the response. Walter Lewis, president, was toastmaster, and L. C. Aicher, superintendent of the Fort Hays branch experiment station, was the main speaker.

Roll call of campus flowers yesterday morning revealed among those answering present: yellow forsythia in full bloom, troops of dandelions attended by an occasional honey bee, flowering plum, rosy quince, red-bud trees near the nursery school grounds, sunny jonquils before Calvin hall, peach trees a mass of bloom east of the President's home. "Twould seem that nature is trying to make amends for the dust storms of the last 10 days.

Engineers to Lawrence

M. A. Durland, assistant dean of engineering, and Prof. R. M. Kerchner of the electrical engineering department, met with Prof. D. C. Jackson and Prof. Ernest Boyce of the University of Kansas, and Prof. M. L. Evinger of the University of Nebraska in Lawrence Saturday to make preliminary plans for the 1935 fall meeting of the Kansas-Nebraska section of the Society for the Promotion of Engineering Education.

Select Play Cast

The cast for the play, "Dust of the Road," to be presented in student assembly at the college by the Y. M. C. A. and Y. W. C. A. organizations April 17 has been selected. Betty Winter, Clay Center, is manager and Max McCord, Manhattan, is stage manager. The cast includes: Thaine Engle, Abilene; Kenneth Johnson, Newton; Mary Clare Dixon, Junction City; and Francis Blaes, Abilene.

Hill Speaks at High School

"Going to College" was the subject which Dr. H. T. Hill, head of the department of public speaking of the college, discussed before the seniors of Manhattan high school Tuesday.

THIRTY-THREE ELECTED PHI KAPPA PHI MEMBERS

UPPER 10 PER CENT OF GRADUATING CLASS CHOSEN EACH YEAR

Thirty-one Seniors and Two Graduate Students Honored by National Society for Students Working toward Science Degrees

Thirty-three students, including 31 seniors and 2 graduate students, were elected to membership in the Kansas State college chapter of Phi Kappa Phi recently, according to Miss Stella Harriss, president. Phi Kappa Phi is a national honorary scholastic society for students in courses leading to a science degree.

Each year Phi Kappa Phi chooses the upper 10 per cent of the graduating class; half of these are elected in the fall and the remaining 5 per cent in the spring. Nineteen undergraduates were elected to membership last fall.

Those chosen in the spring election:

Division of home economics—Althea Leonore Keller, Enterprise; Ruth Wilson, Topeka; Ruth Jorgenson, Manhattan; Lenore Converse, Harveyville.

Division of agriculture—Glenn Pickett, Americus; Donald Cornelius, Wheaton; Ralph Shipp, Agra; Forest Wolf, Manhattan.

Division of engineering—Maurice Horrell, Baldwin City; Ruth Langenwaller, Wichita; Howard Rivers, Hutchinson; Dean Swift, Olathe; Alan Schaible, Fairview; William Dole, Alma; Arnold Churchill, Junction City; Warren DeLapp, Elk City; Carl Chappell, Republic; Wendell Dubbs, Ransom; Victor Hopeman, Independence.

Division of general science—Helen Vickburg, Talmage; Donald Parrish, Fort Scott; Edmond Marx, Spencer, Nebr.; Anna Marie Edwards, Athol; Winifred Wolf, Ottawa; Bernice Covey, Miltonvale; John Rutherford, Manhattan; Dwight Teed, Weskan; William Fitch, Manhattan.

Division of veterinary medicine—Joseph Knappenberger, Penasola; Donald Kelley, Great Bend; Herbert Fechner, Stanton, Nebr.

Division of graduate study—Margaret Tabor, Marcellus, Mich.; Ivan Pratt, Hope.

LISTING AT \$1 AN ACRE IS REMEDY, CALL SAYS

(Concluded from front page)

ritory where conditions are favorable for blowing is strip listed.

COST ESTIMATED AT \$1 ACRE

Dean Call found that county commissioners from 19 southwestern Kansas counties thought it would be possible to do the work necessary to control blowing if sufficient money could be made available to purchase oil and gasoline and to keep lister shares sharp while the work is in progress. He estimated that \$1 for each acre to be listed would be a sufficient fund to complete the work.

Factors which make it difficult to control blowing were cited by Call:

Land operated by non-resident owners.

Land owned by non-resident owners and operated by resident tenants who do not have sufficient interest or who are not financially able to do the work.

Land in the hands of resident owners who do not have sufficient funds. Lack of funds available for county commissioners to pay for work which they have the authority to order done.

RAINS NOT COMPLETE RELIEF

Even general rains will not solve the erosion problem completely, according to Dean Call. In areas where extreme blowing has occurred, the soil is so level that blowing will recur, shortly after a heavy rain. Such land must be worked to roughen the surface, as with a lister, if blowing is to be controlled.

"The seriousness of the condition in the blowing area cannot be over-emphasized," Dean Call declared. "Houses will not exclude the fine dust. Living conditions become impossible and farmers are compelled to move their families out of such areas. The dust also is a menace to livestock and some stock is dying. Dust also has injured the stacked and shocked feed. Buffalo grass pastures have been blown to such an extent that the crowns of the plants are exposed and livestock grazing such pastures eat the crowns of the grass, destroying it."

"The condition described is not confined to the state of Kansas. It prevails throughout the central plains states, embracing parts of Nebraska, Wyoming, Colorado, New Mexico, and Panhandle of Texas and Oklahoma. The problem should be attacked as an interstate problem."

J. C. Mohler, secretary of the state board of agriculture, reported to Dean Call that in the area considered there are 20,000 tractors and 90 per cent as many listers. If funds can be made available to put this army of machinery into the fields, those in close touch with the problem feel that wind erosion can be controlled.

Urges Consumer Education



MISS FRANCES ZUILL

The need for educating consumers concerning the quality and value of the goods they buy was urged by Miss Frances Zuill in a recent address here as a guest of the Kansas State Home Economics association. Miss Zuill is head of the home economics department of the University of Iowa, a former president of the American Home Economics association, and is a member of the consumers' advisory board of the NRA and of the consumers' council of the AAA. She holds degrees from Columbia university and for three years was city supervisor of home economics in the Baltimore schools. She appeared on the home economics program here several times, including student assembly, the Friday night banquet, Saturday morning before a student club group, and Saturday afternoon in the round table discussion on consumer education. Three hundred home economics teachers and students from all parts of the state attended.

KANSAS STATE WINS THREE PLACES AT BUTLER RELAYS

Four Mile Team Breaks Meet Record but Places Second

Second in the four-mile relay, third in the high hurdles, and fourth in low hurdles was the performance of the Kansas State college track team in the Butler relays at Indianapolis, Ind., Saturday.

Although the four-mile relay team broke the meet record by nearly 10 seconds it was a yard and a half behind the winning University of Michigan team. O'Reilly, anchor man for the Wildcats, picked up more than 40 yards on the Michigan runner who is a Big Ten champion miler. The Kansas State team received a silver track shoe as a trophy. Captain Joe Knappenberger who had placed first in every race he entered this year placed third in the high hurdles and fourth in the low timbers.

The Butler relays closed a highly successful indoor season for the Wildcats. Coach Ward Haylett will open the outdoor season by taking his 4-mile relay team composed of O'Reilly, Wheelock, Redfield, and Robinson; Fanning, a discus man, and Knappenberger in the 120-yard high hurdles, to the Texas relays at Austin Saturday.

Delegation to Estes

Henry Wieman, author, and professor at Chicago Theological seminary, will be the featured speaker at the Estes conference for college students to be held June 7-17. "The Modern Road to Freedom" will be the theme this year. A delegation from Kansas State will drive to the conference.

BROWNING'S WIN FIRST IN ORATORICAL CONTEST

HAMILTONS HAVE WON TEN TIMES IN 35 YEARS

Athenian Speaker Gets Second Place—
Ionian Third in Annual Inter-Society Affair First Held 35 Years Ago

For the first time in history, the Browning literary society won first place in a Kansas State college inter-society oratorical contest. Miss Beulah Browning, junior from Abilene, won for the organization whose name she bears first place—and won by a long lead. Her oration, "Where to, Youngsters?" was so far superior to the others in the fluency and ease of her delivery, that there was never any question as to its placing. In it she urged the encouragement of youth in their enthusiasm for careers, reforms.

Lowell Creighton, junior from Denison, won second place for the Athenians with "Builders of Destiny," wherein he appealed for better housing in America, providing for youth an environment which would result in better citizens and happier lives.

CONSUMER COOPERATION THIRD

Abby Marlatt, home economics freshman from Manhattan, won third place for the Ionians with her oration, "Consumer Cooperation," largely an historical resume of the cooperative movement in England, though she urged American application of the English plans.

The Hamilton orator, Lee McDonald, freshman from Horton, spoke on "Live and Let Live."

For the first time, the Collegiate 4-H club was invited to enter the contest, partly due to the demise of four of the eight literary societies which in the old days enlivened college life. The 4-H contestant was Francis Blaes, freshman from Abilene, who spoke on "America Must Swap." It was an appeal for reciprocal tariffs as an aid to agriculture.

HAMILTONS HAVE ALL-TIME LEAD

It was the thirty-fifth annual contest between the societies. In those years, the Hamiltons had been the most consistent winner—having scored first ten times, last spring for one. The Athenians have the next best record of the surviving organizations, having won six times; Ionians third, with five wins.

"Today these contestants should not be judged by their popularity," commented Prof. Kingsley Given, who is in charge. "Popularity has no relation to their success. Though they are poorly attended now-a-days they are still of tremendous value to the participants."

STORM DUST BACTERIA LADEN, DOCTOR FAY'S TESTS SHOW

Report That Particles Were of "Good Clean Dirt" Was in Error

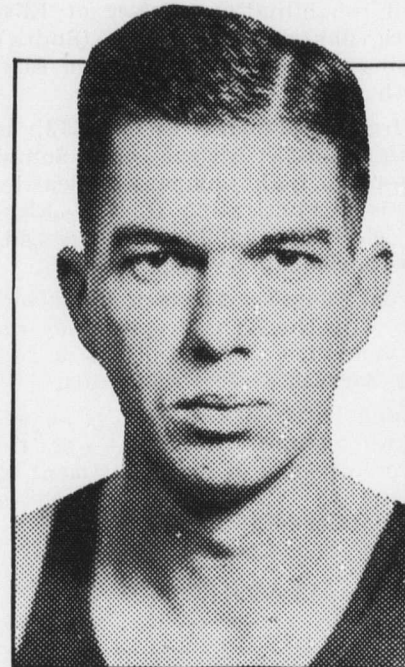
The published report that dust particles which settled over Manhattan and this territory last Wednesday and Thursday were "good clean dirt" is in error, according to Dr. A. C.

Fay, of the department of bacteriology of the college.

Wednesday afternoon about 3 o'clock, Doctor Fay exposed a plate to the dust storm. In one minute 70,000 particles of dust were laid down on each square foot. Clinging to these dust particles were 24,000 minute bacteria per square foot. Calculations show that 34 per cent of the dust particles inhaled were contaminated. Many more would have been found earlier in the day when the dust was heavier. These figures are about a hundred times the normal count.

Manhattan physicians attributed several cases of bronchial pneumonia to the dust laden air.

Elected Captain



LEE RAILSBACK

Lee T. Railsback, Langdon, was elected captain of the 1935-36 Kansas State basketball team by his mates at a banquet given recently by the Kiwanis club for members of the varsity squad and freshman numeral men. Playing his first year in the Big Six during the season which closed recently, Railsback early developed into one of Coach Frank Root's most valuable men. He played throughout most of the games of the season. He has but one year of competition remaining due to two years of junior college basketball at Hutchinson. He also played a season with the Hutchinson Renos in the Missouri Valley A. A. U. Al Burns, Kansas City, and Charles Schierlmann, Liberty, were elected honorary co-captains of the freshman squad.

Paper by H. C. Bates Wins \$10

Third place and \$10 went to H. C. Bates, Augusta, a senior, for his paper, "A Study of the Causes of Failures in Refinery Cracking Stills," in a contest at Lincoln, Nebr., last week. He presented the paper in competition with seven others at the student branch meeting of the northern unit of the A. S. M. E. Others who attended the meeting were Prof. A. J. Mack of the engineering faculty, and J. F. Ransom, T. G. Beckwith, Richard Burdge, Floyd P. Brown, M. L. Cooley, and Marvin DeLapp, all seniors in mechanical engineering.

PROGRESS OF KANSAS PRESS F. E. C.

Mrs. Ray Breitweiser has started a "Dish Washing Department" in the Clay Center Dispatch. Its contents supposedly are thought up as she does her dishes.

At Belleville G. G. Nutter, who started the Republic County News in January, apparently has done the unbelievable in putting more than 1,700 subscribers on the list. A bargain offer was the inducement. Don Nutter, f. s., and Ward Colwell, '33, are associated with him. With A. Q. Miller, Jr., f. s., in charge of the Telescope, Belleville is practically a "Kansas State" town.

A class of journalism students at Kansas State college was told to find country weeklies which printed a great volume of country correspondence that also was well handled typographically and editorially. Among papers cited for excellence in these respects were the Kingman Journal, Clay Center Economist, Jackson County Signal, Belleville Telescope, Oberlin Herald, and Sabetha Herald. There were many

others mentioned, of course. In the foregoing list the Kingman Journal was given clear title to first place on typographical arrangement of its correspondence.

On March 14 the Holton Recorder published its sixtieth anniversary edition. The number differed from most anniversary issues in that relatively little copy of an historical nature was prepared by Editor W. T. Beck. Instead, the issue was turned over to rural and small town correspondents with the suggestion that they write up the early history of their respective communities. Correspondents performed the task well. Another noticeable difference between this anniversary edition and many others was in the advertising, which contained no complimentary or congratulatory messages about the anniversary. Naturally this edition of the Recorder reproduced a picture of its founder, M. M. Beck, who died four years ago. Martha M. Beck compiled an interesting article on the beginning of Holton.

COOPERATIVE MEETING TO BE HERE APRIL 18-19

EXCHANGE OF IDEAS AND EXPERIENCES IS THE PURPOSE

Dr. F. F. Elliott, Chief of Production Planning Section of AAA, Will Speak on Future Program of Triple A

Kansas State college will be host to cooperative and general farm organization leaders at a cooperative conference to be held in Manhattan April 18 and 19. Exchange of ideas and experiences in cooperative effort to develop a better understanding and closer cooperation among Kansas cooperators is the announced purpose of the meeting.

Speakers for the conference include Dr. F. F. Elliott, chief of the production planning section of the agricultural adjustment administration. His task is to prepare programs for the future adjustment of American agriculture. He will speak at the cooperative conference on "The Future Program of the AAA." The credit program in relation to cooperatives will be discussed by R. M. Green, principal agricultural economist of the farm credit administration, Washington, D. C.

DOZEN WELL KNOWN SPEAKERS

Ralph Snyder, president of the Bank for Cooperatives, Wichita, and a dozen other speakers of state-wide reputation, are included on the program which is to begin at 1:30 o'clock April 18.

Floyd Lynn, Salina, will preside at the opening session in the west wing of Waters hall. The relation of the New Deal to the cooperative movement will be discussed by W. E. Grimes of the college.

A series of 10-minute talks giving noteworthy developments among the cooperatives since the inauguration of the New Deal will be given by these speakers: Otis Allen, Topeka Milk Producers; Alex W. Myerton, manager of the Nemaha Cooperative Creamery association, Sabetha; Howard A. Cowden, president Union Oil company cooperative, North Kansas City, Mo.; George W. Hobbs, manager, Farmers Union Livestock Commission company, Kansas City, Mo.; Phil Evans, manager, Producers Commission association, Kansas City, Mo.; C. V. Cochran, president, Kaw Valley Potato Growers association, Topeka; G. W. Glenn, manager, Dodge City cooperative exchange, Dodge City; H. E. Witham, secretary, Farmers Union Jobbing association, Kansas City, Mo.; and H. C. Morton, manager, Farmers Cooperative Commission company, Hutchinson.

FARRELL THE TOASTMASTER

President F. D. Farrell of the college will be toastmaster at the banquet Thursday night. Ralph Snyder, president of the Bank for Cooperatives, Wichita, will deliver the address. Greetings will be extended by C. C. Cogswell, master, Kansas State grange, Topeka; C. A. Ward, president, Kansas Farmers union, Salina; and O. O. Wolf, president, Kansas Farm bureau, Ottawa. E. C. Tharp, Protection, also will appear on the banquet program.

R. M. Green's talk on the credit program in relation to cooperatives will be at 9 o'clock Friday forenoon. He will be followed by Doctor Elliott who is said to be more familiar with the agriculture of the entire United States than any other man.

MISSIS QUINLAN, LATZKE CLOTHING TEXT AUTHORS

Book To Be Off Press in May Result of Eight Years' Teaching

Prof. Alpha Latzke and Associate Prof. Beth Quinlan, of the department of clothing and textiles, have written a book, "Clothing: An Introductory College Course," which is being published by Lippincotts and will be off the press in May. It is written for use in a four-hour, one semester course, and is the product of eight years of teaching of the "clothing for the individual" class by the authors. It takes up the selection of clothes, pattern designing, materials, and the ensemble.

Beam Lectures Here

Philip C. Beam of the William Rockhill Nelson gallery of art, at Kansas City, was scheduled to lecture last night in the college auditorium on "An Approach to Modern Art." The talk was sponsored by the Friends of Art group at the college.

THE KANSAS INDUSTRIALIST

Volume 61

Kansas State College of Agriculture and Applied Science, Manhattan, Wednesday, April 3, 1935

Number 25

CARE AND RESEEDING ARE PASTURE CONTEST AIMS

TEN GOLD MEDALS AND CASH TOTALING \$300 OFFERED

Management of Established Grazing Lands and Restoration of Others Are Included in 1935 Improvement Program

Proper care of established pastures and reseeded of new or damaged ones are aims of the 1935 pasture improvement contest for which 10 gold medals and 20 cash awards totaling \$300 are being offered to Kansas farmers. Kansas State college extension service and the Kansas City, Mo., chamber of commerce are sponsoring the contest, with the cooperation of the county farm bureaus.

Entries in division one must be made in writing on or before May 15. This deals with managing established, permanent pastures. Entries for the second division, which deals with reseeded old pastures and seeding new ones, must be made before July 15. Entry forms are available at the county agricultural agent's office in each county.

"A good pasture is the most valuable part of the farm," R. I. Throckmorton, head of the agronomy department, declared in expressing approval of the 1935 pasture improvement contest plans.

URGES EMPHASIS ON PASTURES

A land utilization program for those sections where grasses may be grown successfully, he continued, cannot be complete unless much emphasis is placed upon pastures.

"Good pastures are the basis for a sound and permanent type of agriculture because, without good pastures, it is usually impossible to produce and maintain livestock. It makes little difference whether pastures are of native or tame grasses, but it is important that they be productive." He believes pasture land should be managed with as much care as any other.

The practice of breaking grass land during the last 20 years is just the opposite of what should have been done in most sections, the Kansas State agronomist declared.

Thousands of acres of steeply sloping, rolling, and hilly lands were placed under the plow. These lands have eroded so severely that in many cases the entire surface soil has been removed.

RETURN LANDS TO PASTURE

Mr. Throckmorton suggests returning these lands to pasture wherever possible. In some cases, fertility has been so reduced that legumes and commercial fertilizer will have to be used.

"The economic utilization of land demands," Mr. Throckmorton declared, "that a high per cent of all land that is sloping, rolling, or hilly be used for pasture and hay crops. It also demands that a sufficient acreage of land be retained for pasture to provide grazing for the farm live stock without injuring the grass."

Whatever methods are necessary on individual farms should be used to bring the pasture back. If the methods succeed, the farmer will get the natural benefit plus the chance to win in the contest.

STAFF MEN ARE ELECTED BY KANSAS ACADEMY OF SCIENCE

Dr. Roger C. Smith Is New Secretary—Three Are Section Chairmen

Much in evidence at the sixty-seventh annual meeting of the Kansas Academy of Science at Lawrence last week was the active participation, in the program and election of officers, by members of the Kansas State college staff.

Dr. Roger C. Smith of the entomology department was elected to succeed Dr. Frank C. Gates of the botany department, as secretary for the next session. Doctor Gates had served following the death of the late George E. Johnson. Other Kansas State men elected to be section chairmen were L. E. Melchers, Dr. James E. Ackert, and C. H. Whitnah. Doctor Gates is

editor-in-chief of the academy publication.

Two hundred fifty-four persons were registered at the meetings. W. J. Baumgartner, teacher of cytology at the University of Kansas, was elected president of the academy. Members stood in a one-minute period of silence in tribute to the memory of Doctor Johnson.

More than 25 members of the Kansas State college staff presented papers or appeared on the program in various sections of the meeting.

PRESIDENT INVITES HIGH SCHOOL JUDGING TEAMS

Vocational Agricultural and Farm Mechanics Contest Will Be on Campus April 29 and 30

President F. D. Farrell has issued invitations to all high schools in the state to participate in the fifteenth annual State High School Vocational Agricultural Judging and Farm Mechanics contest here Monday and Tuesday, April 29 and 30.

Individuals who enter the judging contests will be ranked on a basis of their proficiency in judging beef cattle, horses, hogs, and sheep, dairy cattle, grain, and poultry. They will be judged also on the basis of their proficiency in judging each of the groups separately.

The seventh annual program of the Kansas Association of Future Farmers of America will be held in conjunction with the meeting. Campus and Farm tours have been arranged and the Manhattan chamber of commerce is providing a banquet for all visitors.

President Farrell's invitation was addressed to high school principals of the state, asking them to call the contests to the attention of agricultural and manual arts instructors and urge them to see that their school is represented in the contests. He also asked that as many as possible of the other students of agricultural and manual arts departments accompany the teams.

COLLEGE HAS PART IN PLANS FOR STRATOSPHERE FLIGHT

Prof. L. E. Conrad To Establish 46 Observation Posts

Kansas State college is playing a part in plans for a proposed stratosphere balloon flight early in June. Prof. L. E. Conrad, state representative of the United States coast and geodetic survey, has been asked to cooperate and will have charge of all activities in Kansas. He expects to establish 46 observation posts in the possible course area.

The war department is planning to start the balloon from Rapid City, S. D. The course is expected to be somewhere west of the Missouri river and through the eastern half of Kansas. It is expected to end within a radius of 450 miles of Rapid City.

In order to check more closely on stratospheric and atmospheric conditions, the balloon is to be checked by ground observations. Observation posts will be maintained throughout the territory. These are to be about 30 miles apart. Two men—one with a transit and equipment for measuring the elevation and another with a short-wave receiver—will be at each post. Radio amateurs will be called upon for communications duty, and civils or transit men will be called upon to serve as observers.

A Painting Fund Contributor

Mary H. Clark, '32, is another alumni who has indicated continued interest in her alma mater by a contribution to the Curry painting fund. Her \$2.50 was among the first gifts received. She is with the List and Clark Construction company, 414 Railway Exchange, Kansas City, Mo.

Students Build Terraces

Prof. F. C. Fenton's classes in drainage, erosion control, and irrigation have been building terraces on a field of approximately 60 acres on the John Kimball farm west of Manhattan. Tractors and power graders are being used.

YOUTH HOME WITH IDEAS FOR BETTER RURAL LIVING

TWO HUNDRED FROM 18 KANSAS COUNTIES ATTEND

First Annual Conference Sponsored by Collegiate 4-H Club Ends with Plans for Next Year and An Organized Movement

Suggestions for adjustments in Kansas agriculture which are necessary to bring about better rural living were carried home by approximately 200 young people from 18 Kansas counties who attended the first annual rural youth conference on the campus March 29, 30, and 31. The conference was sponsored by the Collegiate 4-H club of Kansas State.

College staff specialists, visiting authorities, prominent members of the Collegiate 4-H club, and visiting young people were included on the program which started Friday, included a banquet Saturday night, and lasted through Sunday noon. Discussion sections on agricultural, vocational, and social phases of rural living reported their suggestions and recommendations for the problems confronting rural youth between the ages of 18 and 30.

THEME IS STRESSED

The entire program carried out the theme of "better rural living." Three objectives were set up: First, to increase contacts and stimulate fellowship among rural young men and women. Second, to promote discussion of rural affairs and issues among students and farm youth for their own development and preparation as leaders in rural communities. Third, to provide a clearing house of program suggestions for rural young people's groups organized in the state.

The conference ended with plans for the conference next year and for the organization of a rural youth movement.

WELL KNOWN SPEAKERS

Speakers on the program were Dr. E. L. Kirkpatrick of the University of Wisconsin; Dr. Eugene Merritt of the United States department of agriculture; Dr. H. T. Hill of the public speaking department, L. E. Call, dean of the division of agriculture, and H. Umberger, director of extension.

Officers elected for the coming year were: Howard Moreen, Salina, president; Kenneth Middleton, De Soto, vice-president; Eugene Sterml, Iola, vice-president; and Marje Blythe, White City, secretary-treasurer.

STANLEY PICTURES A. P. MAN AT HOME, ABROAD

Tells of Assignments to 'Cover' Gandhi, Tense Sessions in Ireland, the Cardinal

The giant cobweb which is the leased wire system of the Associated Press and the men who send news over it were vividly pictured in journalism lecture period last Thursday afternoon in Kedzie hall by Edward Stanley, news editor of the southwestern division of the organization.

After an informative prelude as to the organization and character of this news gathering and purveying association he told of his experiences as an A. P. man in London, a post which had seemed to him incredibly romantic in prospect but after a year prosaic. "The second year I was there, 1932-33, all the thrilling happenings were in the United States!" And he was glad to get back home.

English newspapers he considered more sensational than are American ones, deliberately presenting our country only at its worst, publishing little but Hollywood and gangster stories—at least until the depression, when some economic and political news was added. The Manchester Guardian Weekly and the Scotsman were the only two papers he spoke of with admiration. The press is not as highly respected in England as in the United States, he reported.

He related his experiences in getting stories there, told of his associa-

tion with Mahatma Gandhi and with the Irish cardinal, of covering tense events in Ireland, of seeing royalty. The British he did not enjoy; the Irish he found very likeable.

In response to questions from his audience he said that the student wishing to be a foreign correspondent stood a good chance of realizing his ambition, though he would have to serve in the United States for some time first, that the A. P. has some women correspondents.

TRUE MODERN ART NOT FREAKISH, SAYS BEAM

Nelson Gallery Man Shows Artist of Today Is Spiritual Heir of Millet

Cubistic painting is not modern art—it was merely a fleeting fad started by a Spanish artist with a showman's temperament. True modern art is that which sincerely tries to picture the world of today both physically and spiritually. It is not "freakish."

This was the theme of the lecture in the college auditorium given last Monday night, March 25, by Philip Beam, of the William Rockhill Nelson art gallery staff.

After a philosophical introduction he proceeded to his defense and explanation of modern art. American artists no longer look to Paris, except for help in developing technical skill, he declared, for there is more virility, more really excellent work being done on this side of the Atlantic—at least more that has meaning for Americans.

By use of slides Beam gave the pictorial history of the last century, and showed that artists such as John Steuart Curry are the Millets of today, that both broke away from the conventional art of the preceding period, lived closely associated with the common people and pictured them as they saw them.

Modern artists do not go around wearing berets and flowing ties and smoking cigarettes from holders a foot long. They are virile folk who live among those they paint, not in a world apart. Beam showed an appealing study of a circus clown behind the scenes, painted by an artist who himself became a circus performer the better to understand those whom he wished to portray.

R. O. T. C. SUMMER TRAINING CAMPS ARE DESIGNATED

First Year Advanced Course Students of Kansas State To Attend

Summer R. O. T. C. training camps for Kansas State's first year advanced military students were designated recently by the commanding general of the seventh corps area in a bulletin received by the military department at the college.

Men in the infantry unit have been assigned to Fort Leavenworth to be encamped from June 9 to July 20. The coast artillery corps will train at Fort Sheridan, Ill., from June 14 to July 26, and chemical warfare service students are to report to Edgewood arsenal, Maryland, from June 9 to July 20.

Provision is also made for units of the Kansas National Guard to train for periods of two weeks at Camp Whiteside, near Fort Riley, between July 14 and August 28.

The organized reserves will train at the following places in the seventh corps area: Fort Cook, Nebr.; Fort Des Moines, Iowa; Fort Leavenworth, Kan.; Fort Lincoln, N. D.; Fort Meade, S. D.; Fort Riley, Kan.; Fort Snelling, Minn.; Camp Ashland, Nebr.; Camp Pike, Ark., and Camp Ripley, Minn.

Radio and Television Combine

Radio station KSAC and the television station W9XAK will combine facilities for a simultaneous broadcast of a program sponsored by the Y. W. C. A. during the last week in April. This will be the first such attempt at Kansas State. If successful, a regularly scheduled simultaneous broadcast probably will be arranged.

'SCARCITY OF INJURIOUS INSECTS FEATURED 1934'

DR. ROGER C. SMITH REPORTS ON POPULATION OF PESTS

Through Records Being Compiled Entomologists Hope To Predict Outbreaks and Enable Farmers To Prepare for Them

The year 1934 was admittedly a severe one on the Kansas farmer but despite the heat and drouth it was another of those black clouds with a silver lining. The silver lining in this case was the fact that 1934 was devastating to insect pests and indications are that the insects are in for another bad year.

Last year will go down in history as the year of the drouth and general abnormality. It was the fourth in a series of increasingly hot, dry years. The winter of 1933-34 was the mildest on record. There was marked deficiency of soil moisture, particularly in the subsoil. The spring was cold, dry, and windy, with heavy dust storms. Alfalfa and pastures were slow in starting and made slow growth until May. Rainfall was deficient every month except September.

INSECTS SCARCE IN 1934

"Scarcity of certain injurious insects or their reduction in numbers because of heat and drouth was the outstanding feature of the year," according to Dr. Roger C. Smith of the department of entomology who prepared a recent paper on the subject.

Doctor Smith found these insects more numerous than usual: ants, pea aphid, green bug (Toxoptera) and other aphids, borers in shade trees, bot-flies, canker worms, cattle grubs, chinch bugs, green flea beetle, the green June beetle, harlequin bug, pentatomids in alfalfa fields, leaf hoppers, red spiders, red-bud leaf folder, hour-glass spider, stored grain insects, thrips (alfalfa), strawberry leafroller and strawberry weevil, striped cucumber beetles, wax moth, and beet webworm.

"These insects were scarce or nearly absent: alfalfa caterpillar, box elder bugs, cabbage worms, cutworms other than army cutworms, clover root curculios, biting flies on livestock, white grubs and May beetles, Hessian fly, maple worms, potato beetle, tarnished plant bug, tomato worms, apple curculio and wasps."

LITTLE EFFECT ON SOME

"These were about average in number: blister beetles, army cutworms, clover leaf weevils, codling moth, corn earworms, grasshoppers, lice on domestic animals, and termites."

It is too early to compile figures on the population of insects so far in 1935. Army cutworms are the only ones which have been reported doing any great damage.

County farm agents, entomologists of the college and extension staffs, and selected farmers over the state are cooperating in compiling the information. A questionnaire, with a system of index numbers is used on a large list of economic insects. The correlation of estimates for particular counties has been high. It gives a mathematical basis for the study of the abundance of insects and for correlation studies with climate.

Results will be used as the basis of 10 or 20 year analyses of the effect of weather on insect populations. It may then be determined whether a close study of field conditions and the weather will make possible predictions of insect outbreaks sufficiently ahead of their occurrence to enable farmers to prepare for them.

Press Team in Glen Elder

Four members of the rural press class of Prof. F. E. Charles went to Glen Elder last Wednesday to edit the Glen Elder Sentinel, published by Perry Betz, a Kansas State college graduate. The group will return Thursday. Those making the trip were: Stanley Morris, Paxico; Ed Rupp, Moundridge; Barbara Claassen and Gertrude Arnold, both of Newton.

The KANSAS INDUSTRIALIST

Established April 24, 1875

F. D. FARRELL, PRESIDENT.... Editor-in-Chief
F. E. CHARLES, Managing Editor
R. I. THACKREY, H. P. HOSTETTER,
RALPH LAHBROOK..... Assoc. Editors
KENNETH L. FORD..... ALUMNI EDITOR

Published weekly during the college year by
the Kansas State College of Agriculture and
Applied Science, Manhattan, Kansas.

Except for contributions from officers of the
college and members of the faculty, the articles
in THE KANSAS INDUSTRIALIST are written by
students in the department of industrial jour-
nalism and printing, which also does the me-
chanical work. Of this department Prof. C. E.
Rogers is head.

The price of THE KANSAS INDUSTRIALIST is
\$3 a year, payable in advance.

Entered at the postoffice, Manhattan, Kansas,
as second-class matter October 27, 1918. Act
of July 16, 1894.

Make checks and drafts payable to the K.
S. C. Alumni association, Manhattan. Sub-
scriptions for all alumni and former students,
\$3 a year; life subscriptions, \$50 cash or in instal-
ments. Membership in alumni association in-
cluded.



WEDNESDAY, APRIL 3, 1935

TOO YOUNG TO GROW OLD

Many alumni of Kansas State college will remember Mrs. Clara A. Derby who died last week. She was the mother of Miss Grace E. Derby, associate librarian of the college.

Mrs. Derby—Mother Derby, as many called her—would have been ninety-eight years old next summer had she lived. She was that old in years, yet far younger—even youthful—in her interests. In recent years she made the acquaintance of relatively few college students, due to failing eyesight, but those of a decade ago will recall with pleasure Mother Derby's keen interest in events of the day. Politics, school athletics, social problems, dancing—the subjects mattered little. She discussed them all with the same keen interest of those who were three-score and ten years younger than she.

Mother Derby had somehow caught that elusive quality that keeps one young—another way of saying that she was interested in what young people were doing. A few days before she died she objected to the pattern of a new dress—because it was "too old-fashioned."

Mother Derby set a splendid example for those who would be "ninety-eight and still young."

MEMORY BOOK

Spring is the blossoming time of school annuals, those twentieth century survivals of the old fashioned album and the "memory book." Some there be who cynically remark that the school annual would promptly die if not kept alive by artificial stimulation applied by commercial printers and engravers, who make a tidy sum from them.

But these have forgotten their own high school and college days and the sentimental interest of youth in these publications. A rare creature is the student who doesn't want to see his own picture in the school annual and obtain pleasure from the thought of showing it and pictures of the alma mater and classmates to the off-spring. The average junior or senior who can't afford to buy that book feels badly about it.

Burges Johnson of Syracuse university in the January issue of School and Society indicts the college annual charging (1) that the student staff is usually inexperienced and inefficient, handling from two to 25 thousand dollars with no competent supervision, though it may go through the motions of submitting its accounts to a faculty adviser, (2) that engravers, printers, photographers often bribe the staff to send contracts their way, (3) that although a few students pocket a tidy profit, the annual account often shows a deficit, (4) that the students pay far more than they should for a book "generally ornate, inartistic," and (5) that where the activity fee provides it for each student, the administration too often does not insist that the book shall be worth the money. Mr. Johnson's picture may be an accurate one for eastern universities, but it is a distorted one for this part of the country.

Since the annual is evidently with us to stay, it is advisable to have it upon as efficient a basis as possible.

Kansas State college this year instituted an organization to eliminate even occasional waste. A student who aspires to be business manager of the college paper and year book now must be recommended by C. J. Medlin, graduate manager, whose entire time is devoted to supervision of college publications. No longer is it some already over-loaded professor who is made "faculty adviser" and who can give only tag ends of his time and who may have himself had slight experience in that field.

If Mr. Medlin thinks that applicant competent he recommends him to the board of publications, composed of three students and three faculty members. The latter trio this year are Professors E. T. Keith and R. I. Thackrey of the journalism department and H. W. Davis of the English department. From the list of those applicants whom Mr. Medlin recommends this board chooses the staff. Furthermore, this board lets the contract to engravers and photographers. Lastly there is a maximum salary reward for the work of those student editors and business managers. Neither venality nor inefficiency can take deep root upon such soil. We recommend the eastern universities study the Kansas State college set-up.

MUSIC

Band's 'Pop' Concert

The pop concert of the college band last Sunday afternoon furnished a bright hour in a gray chill day.

The march time of parading men, stirring and cheerful, predominated. Rhythm was the thing, rhythm so insistent that a three-year old in the audience began to nod her head violently to it, so that her mother felt constrained to lay a calming hand upon her. In the first group came Hall's "Independencia" and Chennette's "The Big Parade." In the next were Alford's "Glory of the Gridiron," King's "Sir Galahad," and Hall's "S. I. B. A. March"—the latter being interpreted as Southern Illinois Band association. All were of a piece as to mood and tempo. Even Sir Galahad was not here the pure knight of the holy grail—but the fighter at the head of his forces, marching toward the castle of some despotic noble and certain of ultimate victory. In the last group Ganne's "Father of Victory" and Miller's "On the Way" furthered this mood and theme.

Each group, however, had one number of a different sort so as not to leave the audience too cloyed. Rossini's overture to the "Barber of Seville," which opened the program, was an enjoyable selection, well played. "Caucasian Sketches," by Ippolitow-Iwanow, lent color of a darker hue to the second group. Pensive, minor strains made tone pictures of Russian mountains and villages. The last group had for leaven Casey's "Polka." In it Miss Lucille Howenstine, freshman music student, played the difficult trumpet solo parts with their rapid cadenzas very creditably, indeed.—H. P. H.

THEY CAN "TAKE IT"

We drove to Garden City Saturday. Following eight days of almost incessant dust storms, we expected to find only gum faces, and stores empty. Far from it. Clerks still were moving busily behind counters and the farmers were saying: "We still can take it."

"Rain will come soon," one farmer asserted. "Western Kansas, with all its trials, never has had three dry years in succession."

Old-timers recall a dry period in the '90's which brought bumper corn and row crops on the third year following two years of drought.

In the main, most farmers are awaiting a turn in the weather before beginning their spring work. A few optimists continue to harrow and drill through blinding dust storms, willing to stake a gambling chance on the future. In irrigated sections, alfalfa is being watered and shows the only sign of spring in a country that at present is as brown as a desert.

Two major storms have occurred during the last eight days, with many more of a lesser degree following on their heels. Hardly a breath of air is needed to raise the fine silt. Carpets are rolled into corners, chairs covered with papers, and windows are sealed shut in a majority of homes. Even meals must be consumed between puffs of wind. Cars are so

choked with dust as to make mechanical attention necessary. Through it all, farmers keep their courage and smile grimly at reports from papers at Salina and Topeka, at the terror with which citizens feel at only one of the storms, which have become daily occurrences here.

Schools have continued with only brief intervals of rest to allow harassed janitors to catch up with their duties. Busses of consolidated schools have made their long daily journeys safely. Community activities of a lesser degree have continued to function. Contrary to some reports, few people are leaving the country. "We'll see it through," seems to be the general feeling.—E. E. Ludwig in the Kansas City Star.

SIGNS OF THE TIMES

The booming of the prairie chickens in the slough along the railroad

lation or over, 95 per cent of the children 15 years old enter high school, but in the open country and in towns of less than 2,500 only 40 per cent of children 15 years old enter high school.

Clearly, farm boys and girls do not have equality of educational opportunity with town and city children. For three hundred years there has been more or less excuse for that situation. From this time on, however, there will be less and less excuse, until it will be a scandal for a farm community not to provide its boys and girls with as good a chance for schooling as urban children have.

From this time on, also, there will be a change in what people ask their schools to do, in this respect—they will ask their schools to serve anyone who wants education, adults as well as children.—The Farmer's Wife.

To a New Era in Farming

From the Kansas Farmer

Good will come from those spectacular rolling clouds of dust we have seen this spring, if they bring sharply to the attention of the whole state the need of protecting its priceless asset—the rich soil of Kansas—from erosion, by water as well as by wind. But the soil-blowing evil demands our first attention. A program calling for extensive use of lister furrows will be undertaken to check this.

These dust storms should bring the state's entire erosion problem to the front. There should be a program of co-operative action. Our erosion problem includes the loss of the loose, dry top soil by wind in western Kansas counties. It also is vitally concerned with the more gradual and more constant loss of top soil through soil-washing in most of the remainder of the state. Every year sloping fields lose 10 times as much plant food by washing as is taken by crops. . .

The director of the government's erosion project in Jewell county . . . says that eventually we shall terrace and contour land in western Kansas simply for the sake of water conservation. By holding most of the rain or melted snow in the soil for the use of crops, soil-washing or soil-blowing is held in check. . .

We are on our way to a new era of farming in Kansas, based on moisture conservation and erosion control. It means much to Kansas.

IN OLDER DAYS

From the Files of The Industrialist

TEN YEARS AGO

Sam Thackrey of Kansas City, a senior in general science, was elected managing editor of the Kansas State Collegian for the remainder of the school year.

Henrietta (Willard) Calvin, '86, in whose honor home economics hall was to be renamed during the golden jubilee celebration of the division in April, was founder of the Young Women's Christian association of the college during her junior year, in 1885.

Secretary of Agriculture W. M. Jardine was scheduled to deliver the main address at a meeting of the Operative Millers at Manhattan in May. F. D. Farrell, acting president of the college, had accepted an invitation to deliver the commencement address for the school of agriculture, University of Nebraska.

TWENTY YEARS AGO

L. A. Willoughby, '12, was teaching agriculture in the high school at Santa Barbara, Calif.

The annual conference of the Kansas branch of the National Congress of Mothers was to be held in Manhattan in the spring.

The most popular students on the campus were Ruth Hill of Wichita and Walter F. Smith, Mankato, according to the annual vote conducted by the Royal Purple committee.

THIRTY YEARS AGO

An interesting and informative paper on "Popular Etymology," written by Dr. John V. Cortelyou, appeared in THE INDUSTRIALIST.

The noted Shakespearean actor, John Griffith, visited college and addressed students in chapel on Shakespearean plays, particularly Macbeth.

Prof. F. S. Schoenleber, D. V. S., newly elected state veterinarian and head of the department of veterinary science of the college, arrived from Chicago and commenced work.

FORTY YEARS AGO

The regents and faculty met at tea in the sewing room.

Lightning struck President Fairchild's house and it was destroyed by fire. President Fairchild gave the alarm to the Webster society, in session in Science hall, and the boys with the janitor went promptly to the rescue. However, the college fire hose proved to be 100 yards too short. The house could not be rebuilt until an appropriation was made by the state legislature.

FIFTY YEARS AGO

The three literary societies elected new officers. The Hamiltons elected G. W. Waters president; H. A. Gross, vice-president; Mr. Huddiburgh, secretary. C. D. Pratt was chosen president of the Webster society; D. G. Robertson, vice-president; and J. B. Brown, recording secretary. The Alpha Betas elected Miss V. H. Willard president; W. E. Whaley, vice-president; and J. G. Harbord, recording secretary.

OBLIVION

Kirke Mechem in the Kansas Magazine

We buried him at dark before moon-rise:
Mist filled the trenches and the swift tattoo
Of gunfire in the distance faintly blew
An echoing taps above him. In the skies
The star shells rose and gleamed, blinding our eyes,
Transfixing us in mud. When we were through
The rest returned and no one ever knew
What youthful tears were wept there where he lies.
We left him in the night for the long advance:
And now oblivion and the dim, cruel years
Envelop him . . . his name . . . Some boy in France
We buried in the dark before moon-rise,
With mist, I think, and star shells in our eyes,
And there was mud . . . and I remember tears.

SUNFLOWERS

By H. W. D.

ALL ABOUT EUROPE

I've been reading the papers again. This time I've found out all about Europe.

Europe, my dears, is a sort of continent, just across the Atlantic ocean, overcrowded with nations. It's a good deal like our filling station and beauty shoppe congestion here in North America.

Some of these nations are large and some are small, but they are all alike in one particular. If there's anything they love better than fighting, it's getting ready to fight. They lead a simple sort of life—if they're not already into a war they're rushing into one.

Just at present they are pretty busy trying to figure out a way to go to war over the provisions of a treaty signed at Versailles about fifteen or sixteen years ago at the conclusion of a free-for-all war to end war (the war they were then fighting) and to make the world safe for what politicians call democracy.

The lead in the present endeavor is being carried by a fellow named Adolf, who is the something-or-other of Germany. Since Germany, under Kaiser Bill, is generally accorded the honor of having started the World war, the other nations are pretty envious, figuring as they do, that the German people are trying to hog the glory.

According to the morning editions of American papers on Mondays, Wednesdays, and Fridays, the coming war is almost immediately imminent—a matter of a few weeks perhaps. On Tuesdays, Thursdays, and Saturdays, the press associations postpone the struggle two or three years and devote their attention to local dust storms and relief for additional masses of free and independent American citizens. On Sundays—well, we haven't time to go into that.

The line-up for the coming struggle is doubtful—almost as doubtful as the excuse for war they're trying to find. Poland doesn't know which side to play on and England seems inclined to surrender her amateur standing and join the peace league. But these minor details will all be ironed out and the festivities will undoubtedly be started as advertised on Tuesdays, Thursdays, and Saturdays, or Mondays, Wednesdays, and Fridays.

We hope you like it when it comes.

AMONG THE ALUMNI

Kimball L. Backus, '31, is county agricultural agent of Wyandotte county. He lives in Kansas City.

John S. Taylor, '31, lives at 1202 Spring street, Ellsworth. He teaches there.

Glenn S. Smith, M. S. '31, is a junior agronomist with the United States department of agriculture. He is working on the breeding and improvement of wheats. His address is 1502 Twelfth street, Fargo, N. D.

Blanche Duguid, '32, teaches at Madison, N. J. Her address is 71 Ridgedale avenue, Madison, N. J.

Dr. V. H. Clark, '32, is a meat inspector for the United States bureau of animal industry. He lives at 3103 Hoscall street, Omaha, Nebr.

Thomas A. Mitchell, '26, is doing welfare work. His address is 831 Curfew, St. Paul, Minn.

Grace (Cary) Bachman, '27, is living at 330 Southlawn, East Lansing, Mich.

Donald B. Ibach, '27, is an extension economist with the Missouri College of Agriculture. His address is 203 South Garth avenue, Columbia, Mo.

George B. Wagner, '28, is an assistant entomologist with the flour mill and stored grain investigation for the United States department of agriculture. He lives at 1204 Fremont, Manhattan.

Clara K. Dugan, '28, is district supervisor of the Montana Relief commission. She lives at Great Falls, Mont.

D. O. Turner, '24, is principal of the high school at Kaylor, S. D.

J. R. Wood, '25, is teaching vocational agriculture at the Trousdale rural high school, Trousdale.

I. B. Kirkwood, '25, has been advanced from designing engineer to associate engineer in the bureau of reclamations in Denver.

Hugh T. Willis, '25, and Esther (Huling) Willis, '25, are living at 1018 Kellam place, Topeka. Mr. Willis is field engineer with the Portland Cement company.

Raymond J. Johnson, '26, and Ruth (Bainer) Johnson, '28, are living at 1447 Dean street, Schenectady, N. Y. Mr. Johnson is in the aeronautics and marine engineering department of the General Electric company. During the past summer he took a business trip that took him to France, England, Norway, Finland, and Cuba.

Dr. N. B. Moore, '29, practices veterinary medicine at Kinston, N. C.

Gertrude C. Hamilton, '29, teaches home economics in the high school at Lebanon.

Howard K. Gloyd, M. S. '29, is an instructor in zoology at the University of Michigan, Ann Arbor, Mich.

Harold Sutton, '29, is farming at Ensign.

Elbert B. Macy, '30, teaches in the Mankato schools.

Dr. R. W. Jackson, '30, practices veterinary medicine in Frenchtown, N. J.

Fred Morlan, '00, was recently elected president of the Republic county farm bureau association. Mr. Morlan's address is route 1, Courtland.

V. M. Emmert, '01, is emergency county agricultural agent at California, Mo.

Arthur J. Rhodes, '05, has been elected county engineer of Geary county. Mr. Rhodes lives at 911 Larame, Manhattan.

DeForest Hungerford, '10, lives at 1700 South Lumpkin street, Athens, Ga. He is doing soil erosion work for the department of the interior.

Hervey J. Plumb, '13, lives at Orchard avenue community, route 5, Spokane, Wash.

P. E. McNall, '14, is a professor of agricultural economics at the University of Wisconsin, Madison, Wis.

Gladys (Gist) Massey, '16, is living at 600 North Juliette, Manhattan.

C. G. Lueker, '16, is county agricultural agent at Flagstaff, Ariz.

C. W. Mullen, M. S. '17, is associate editor of the Oklahoma Farmer-Stockman. He and Mildred (Huse) Mullen, '11, live at 515 N. W. Thirty-third street, Oklahoma City, Okla.

J. E. DuBois, '18, is sales manager of the Burroughs Adding Machine company of Topeka.

Gladys E. Hoffman, '18, is located at the Fairmount junior high training school, 1950 East 107th street, Cleveland, Ohio.

R. W. May, '18, is farming at McLouth.

Earl M. Hiestant, '19, is superintendent of schools at Elwood.

Dr. L. V. Skidmore, '20, is an associate professor of animal pathology and hygiene at the University of Nebraska at Lincoln, Nebr.

Frances A. Hennessy, '20, lives at 3426 Central street, Kansas City, Mo.

George S. Jennings, '21, is an osteopathic physician at Kanorado.

Clinton H. Morgan, '22, is living at 308 West Seventh street, Hays.

Thomas M. Thompson, '33, is doing government relief work at Graham, Tex.

Willard L. McFillen, '33, is in the forestry service for Camp Woodring, a civilian conservation corps camp at Neodesha.

Grace Scholtz, '33, is nutrition adviser for the Tennessee emergency relief administration in Nashville. She lives at 313 Church street, Nashville, Tenn.

Eugene F. Collins, '34, lives at 1234 Clay street, Topeka. He is a homestead rehabilitation adviser.

MARRIAGES

DUNNE-BEESON

Ella Mae Dunne and Crawford Beeson, '34, were married February 24 in Lake Charles, La. Mr. Beeson has a position with the Gulf Refining company at Port Arthur, Tex. They will live at 1326 Procter street, Port Arthur.

BROBERG-COCHRANE

The marriage of Myrle Broberg, f. s. '26, and Owen L. (Chili) Cochran, '31, took place March 22 in Abilene. Mr. Cochran is an assistant coach of athletics at the college. He is also employed by the Skelly Oil company. They are living in the Virginia apartments, 822 Poyntz, Manhattan.

KESSELMAYER-KLEISS

The marriage of Beatrice Kessel-mayer and Louis D. Kleiss, '32, took place March 2 in Coffeyville. For the past six months Mrs. Kleiss has been employed as a nurse in Coffeyville. Mr. Kleiss is employed by the O. C. S. Manufacturing company there. They live at 1510 Elm street, Coffeyville.

WILLIAMS-LAUTZ

The marriage of Bess Williams of Amarillo, Tex., and Phillip O. Lautz, '32, took place March 17 in Amarillo. For the past three years Mrs. Lautz has been employed in the office of the Polk street church in Amarillo. Mr. Lautz is associated with the air-conditioning department of the Santa Fe Railway company. They are at home at 507 Horne street, Topeka.

BIRTHS

James A. Stewart, '29, and Lillian (Jorgenson) Stewart, 827 Kearney, Manhattan, are the parents of a son, James Conrad, born March 22.

R. R. Osborne, f. s. '27, and Virginia (Clammer) Osborne, f. s. '28, of Manhattan, are the parents of a son, Philip Barry, born March 16.

E. F. Nelson, f. s. '22, and Olive (Hering) Nelson, '24, are the parents of a son, Richard Hering, born March 21. They live at 810 Lewis, Little Rock, Ark.

A. G. Jensen, '26, and Irma (Alexander) Jensen, 619 West Fifth street, Concordia, announce the birth of a daughter, Shirley Arlene, on February 26.

Fry To Coach Baseball

Gridiron to diamond will be the program of Wes Fry of the Kansas State coaching staff. M. F. Ahearn, director of athletics, announced Monday that he will turn the coaching of the varsity baseball squad over to Wes Fry, head football coach, after April 6 when Fry is to complete his spring football practice. Athletic Director Ahearn will devote his time to coaching the golf team and to freshman baseball candidates.

LOOKING AROUND

KENNEY L. FORD

A meeting of the Dallas, Tex., alumni and former students was held March 21 at the home of Mr. and Mrs. Charles C. McPherson. The purpose of the meeting was to perfect a permanent organization and to meet and greet the alumni secretary, Kenney L. Ford, and his wife. Mr. Ford gave a talk on the work of the alumni association and especially the alumni loan fund. This was followed by the showing of movies of campus scenes and a review of one of the 1934 football games. C. D. Pratt, '85, gave a short talk. As Mr. Pratt was the oldest alumnus present he was presented an autographed booklet of college scenes.

These officers were elected for the coming year: Glen Findley, '22, president; G. H. Washburn, f. s. '13, vice-president; and Vera (Samuel) McPherson, '19, secretary-treasurer. It was voted to have regular meetings at least twice a year. A picnic is being planned for April 27.

The following alumni, former students, and friends were present: C. D. Pratt, '85, and Mrs. Pratt, 4526 Reiger; G. H. Washburn, f. s. '13, 3111 Cornett road; J. F. Moss, '14, and Mrs. Moss, 4109 Hall street; Grace R. Hess, f. s. '26, in care of the Hockaday junior college; Vera (Samuel) McPherson, '19, 3831 Gilbert; Marie Redmon, '20, 2822 Reagan; P. H. Virtanen, '20, 6016 Maple; F. O. Krieger and Helen (Johnson) Krieger, '20, 1425 North Beckley; Laurene (Kuns) Jenkins, '22, and J. O. Jenkins, 4703 1/2 Gaston; Edith (Miller) Casford, '22, and K. R. Casford, 5233 Vanderbilt; Glen E. Findley, '22, and Ruth (Kittell) Findley, f. s. '22, 1135 Elmhurst; Charles C. McPherson, f. s. '22, 3831 Gilbert; A. A. Axline, '23, and Mrs. Axline, 4311 Cedar Springs; Helen E. Cook, '28, 4106 Prescott; and Albert B. Green, '33, 3401 Wendelkin.

Karl H. Pfuetze, '30, is now an interne at the Gorgas hospital in the Panama Canal zone. In a letter received recently Mr. Pfuetze writes as follows:

"I am enjoying my year here in the Canal Zone immensely. It is a wonderfully rich experience in every way. The internship is excellent. Gorgas hospital is a government institution with a capacity of 880 beds—really an enormous place, and quite the most beautiful hospital I have ever seen. It is situated on the side of a high steep hill (Ancon Hill) and commands a view of Panama City, which is only a half mile away, and the beautiful Bay of Panama.

"We have all kinds of diseases here—tropical and otherwise—from measles to leprosy. I have spent some little time at the leper colony here on the zone as part of my hospital service and recently received notice that I was to be in charge of treatment at the colony for three months while the superintendent is on leave in the states. It will be a splendid opportunity for me to study this dread disease and I am quite gratified at the responsibility I shall have.

"I read with considerable pride of Kansas State winning the Big Six championship in football. Bravo for the Aggies. I'm only sorry I couldn't have been there to see them win it."

Roland Adams a Visitor

Roland Adams, '30, Milwaukee, Wis., was in Manhattan on a combined business and pleasure trip last week.

Delta Taus Win Volleyball

Delta Tau Delta won the intramural volleyball championship Friday night by defeating the "Y" team, winner of the independent group, 40 to 8. With horseshoe, touch football, basketball, swimming, wrestling, indoor track, handball, and volleyball completed, the point totals for the eight leading teams are: W. F. A. C., 765; Kappa Sigma, 618 1/2; Delta Tau Delta, 616; Pi Kappa Alpha, 472; Beta Theta Pi, 384; Sigma Alpha Epsilon, 382; Alpha Tau Omega, 336, and Sigma Phi Epsilon, 334 1/2.

Seaton on Examining Group

Classification of the engineering schools in Kansas, Missouri, Arkansas, Louisiana, Oklahoma, and part of Texas is the duty of the delegatory committee of the national council of

state boards of engineering examiners to which Dean R. A. Seaton has just been appointed. This committee will inspect engineering colleges in the region named. The work is one of the important projects undertaken by the engineering council for professional development. This council is the outgrowth of unified efforts of all professional engineering societies to take steps toward improvement of the engineer in all his training. Certain standards of engineering training will be observed in classifying the schools.

ALUMNI PROFILES

Dr. Luther O. Nolf, an associate in the zoology department at the University of Iowa for the past three years and associate director of the Iowa Lakeside biological laboratory at Lake Okoboji, Milford, Iowa, received his bachelor's degree from Kansas State college in 1926, and his master's degree in 1929 while a graduate assistant in the zoology department.

Nolf was appointed to a similar position for Johns Hopkins university. He did research work in Tennessee on a project of the National Research council to study the occurrence and control of human parasites. He received his doctor's degree at Johns Hopkins in 1931.



LUTHER O. NOLF

Among the outstanding features of Doctor Nolf's investigational work both at Kansas State and at Johns Hopkins has been his ability to devise new apparatus as aids in research. Notable changes in methods of attack were made at the college due directly and indirectly to Nolf's ideas and accomplishments.

In 1927 Nolf was married to Gladys Baumgartner of Holton, Kan. They have a son, Bruce, 3 years old. Doctor Nolf's hobby is divided between golf and a basement work shop.

He is author or joint author of several scientific papers and has several students working under his direction for advanced degrees at the University of Iowa.

Dr. C. M. Siever Resigns

After 19 years as head of the student health department, Dr. C. M. Siever last week announced his resignation, effective August 31, after which he expects to remain in Manhattan for private practice. When Doctor Siever came to Kansas State college in 1916, the student health facilities included two rooms and a few fixtures. Now the departmental staff consists of 10 employees including two full-time physicians, three part-time physicians, four nurses, and the hospital matron. Records show that over 100 students are being treated daily by the health department.

Crops Judging April 26

The student crops judging contest is to be held Saturday, April 26, on the campus. All regularly enrolled students except those having participated in intercollegiate crops judging contests are eligible. The contestants will be grouped, according to their training, into three divisions.

Judges at Livestock Show

Dr. C. W. McCampbell of the department of animal husbandry has returned from Oklahoma City where he judged baby beeves and fat lambs at the Southwestern junior livestock show.

RECENT HAPPENINGS ON THE HILL

Prof. C. D. Spangler, Lincoln, division counselor of Alpha Kappa Psi, honorary professional commerce fraternity, visited the chapter here Friday.

The last of a series of concerts by the music department was given by the college band Sunday afternoon. No definite plans have been made for other concerts.

Juan Vidad, Philippine Islands, and Paul Nomura, Hawaii, told about their native homes at a meeting of the Cosmopolitan club at the home of Mr. and Mrs. R. P. White Thursday evening.

Miss Harriett Cull, assistant in the germination department of the seed laboratory, has resigned to work with the United States department of agriculture. She took up her new duties this week in the division of seed investigation.

Dean Margaret Justin of the division of home economics entertained several small groups of seniors in the division at her home last week-end. Buffet suppers were given Saturday, Monday, and Tuesday, and a breakfast and tea Sunday morning.

Prof. W. E. Grimes, head of the department of agricultural economics, went to Iowa State college at Ames last week where he attended a conference of agricultural economists regarding cooperative research which is under way in all states in the corn belt. He returned Sunday.

Omicron Nu, honorary home economics society, was first in scholarship among all campus organizations last semester with a rating of 92.98, according to a report released this week by the registrar. Phi Alpha Mu was second with 91.63, and Alpha Zeta was third with 91.15. Alpha Xi Delta led the sorority group with 86.47 and Alpha Kappa Lambda topped the men's social organizations with 88.05.

Non-members of social organizations entertained with a dance in Nichols gymnasium Saturday night as a move on the part of the newly-formed independent political party to unify students not affiliated with social groups. All students were invited. Arrangements for the dance were made by a committee composed of Marje Blythe, White City, chairman; Howard Aicher and Elizabeth Pittman, Fergus, Mont. Chaperons were Prof. and Mrs. M. J. Harbaugh and Dean and Mrs. M. A. Durland.

Four to Journalism Meeting

Four Kansas State representatives of Sigma Delta Chi, professional journalism fraternity, attended the district convention in Kansas City, Mo., Friday night. Others who attended the program, which was in recognition of the founding of the fraternity, were from the Universities of Kansas, Nebraska, Missouri, and the alumni of Kansas City. The Kansas State representatives making the trip were R. R. Lashbrook, faculty adviser; Richard Haggman, Courtland; Devere Kay, Manhattan, and Max Burk, Manhattan.

Holsteins Average High

The herd average for registered Holsteins owned by Kansas State college was 289 days in milk, 9,588 pounds of milk, 3.5 per cent test, and 334.7 pounds of fat, according to results of the annual production test completed recently. There were 17 cows, 7 in class B and 10 in class C in the production test. Results were released by the Holstein-Friesian association of America.

Rogler Visits Campus

Wayne Rogler, '26, business manager of the 1926 Royal Purple, now a prominent stockman and farmer in Chase county, near Matfield Green, was a campus visitor last week. He returned for the Alpha Zeta banquet Friday night.

New Art Exhibit

An exhibit of the Prairie Print Makers is being shown in Exhibition hall, the architects' display room, between April 1 and 15.

K-STATE FOOTBALL FANS SEE '35 TEAM IN ACTION

**PURPLES DEFEAT REDS 13 TO 12
IN SECOND GAME**

Scrimmage Saturday Will End Spring Practice—Coaches Stress Formations for Use Against Duquesne Next Fall

Glimpses of the football squad which will defend the Big Six championship for Kansas State next fall have been obtained by Wildcat followers on two occasions this spring when the coaches sent well-matched teams against each other under game conditions.

One of the changes planned by Head Coach Wes Fry is the installation of an additional "high" gear in his football machine, designed to increase the number of offensive plays per game from about 75, the average of last year, to 90. Fry feels that the experienced men on hand for the 1935 season will make this speeding up of the attack possible. It involves cutting the time in the huddle and the time in making the shift.

"Of course, we'll have to get the ball in order to run that many plays a game," Fry commented. "We could play all season as we did in the first half of the Nebraska game last fall and not make 90 plays, but if we keep possession as we did in the second half we could run far over that number."

PURPLES WIN FIRST

In the first practice game played March 23 the Purples defeated the Reds 7 to 0, the score coming when Quarterback Jim Lander tossed a 25-yard pass to sophomore Halfback Ed Klimek, who was downed near the goal line. Fullback Jim Edwards plunged it over. Dean Griffing, captain of the 1935 team, kicked the point.

Last Saturday found the Reds anxious for revenge, but the Purple again won, 13 to 12. This game was played in eight periods of 8 minutes each, four teams participating. The Purple "A" team faced the Red "B" team in the first period, followed by the Red "A" against the Purple "B." The teams continued to alternate.

Maurice "Red" Elder, All Big Six fullback in his sophomore year last fall, was the game's star, his line plunging and weaving style of running being great factors in both Purple touchdowns, which he made. Elder has gained 10 pounds since last fall to weigh 190, and is developing rapidly as a punter. He was a capable pass receiver last fall.

THREE 80 YARD RUNS

Three 80 yard drives featured this game, two being made by the Reds for their touchdowns. Quarterbacked by Fred Sims, 132 pound sophomore who was an Oklahoma all-state quarter under Fry at Classen high school, the Reds displayed a pleasing versatility of attack, with Sims, Bert Thompson, Jack Fleming, and Bob Douglass, all sophomores, doing the ball carrying.

This week is being devoted to preparation for the Duquesne game, first on the schedule next fall, with scrimmages both Wednesday and Saturday. The Saturday game will close the spring practice.

Indications are that the 16 lettermen who return next fall will face severe competition from sophomores, in almost every position. With his plan of speeding up the attack, Fry intends to train two "first string" elevens, as he feels one team cannot stand up to the 90 play a game rate. "No team ever had a successful season, as a whole, with only 11 men," Fry says. "There should be two elevens, or one with lots of replacements. We are working on the two team theory, which gives more men a chance to play."

KANSAS STATE BOXERS KNOCK OUT FIVE NEBRASKA FIGHTERS

Only Cornhusker Victory Was a Decision in 179-Pound Class

Winning five of six events by knockouts, Kansas State's boxing team smothered the Nebraska fighters here last week in the final home appearance of Coach B. R. Patterson's Wildcat team. The only Nebraska victory was a decision in the light-heavyweight class.

Ray Pyles, 119, was awarded a technical knockout over Francis Elkins, Nebraska, in the second round. Pete Sherar, 129, knocked out Ed Meyer, Nebraska, in the second. Captain George Garrison felled his op-

ponent for the count in the first round in the 139-pound class. Russell Madison was given a technical knockout over Fred Blumer in the first round in the 149-pound class, while Lewis Thomas, 159, was awarded a technical knockout over Don Taylor in the second. Bill Hemphill, Kansas State, felled Allen Gatewood, 169, in the first round. Less McDonald won the only Nebraska match, a decision over Irvin Irwin, Kansas State. They were 179 pounders.

WILDCATS LEADING BIG SIX IN ALL-SPORTS STANDING

Conference Championships in Two-Mile, Football, and Indoor Track Give Kansas State the Edge

Kansas State college has won three of six Big Six sports championships this year and holds first place in the all-sports standings for the college year.

Championships in the two-mile race, football, and indoor track, a tie for second in wrestling, third in swimming, and sixth in basketball, make up the outstanding record of Wildcat teams.

In the total of all sports Kansas State is first with 14½ points, Oklahoma is close behind with 15½, and Nebraska is third with 20 points.

The numerals indicate the placing of each school in the six conference sports:

Event	K.S.	O.U.	N.U.	K.U.	I.S.	M.U.
Two-mile	1	2	4	5	6	3
Football	1	3	2	4	5	6
Basketball	6	3	5	2	1	4
Swimming	3	4	1	4	2	6
Wrestling	2	1	5	4	2	6
Indoor track	1	2	3	4	6	5
Totals	14½	15½	20	23½	22½	30

MILE TEAM TIES MICHIGAN STATE AT THE TEXAS RELAYS

Kansas State Runners Also Shatter Two Varsity Marks

A tie with Michigan State in the four-man team mile race and two new varsity records was the performance of the Kansas State college track and field team in the Texas relays at Austin, Tex., Saturday.

The mile team, composed of Justus O'Reilly, Bill Wheelock, Charles Robinson, and George McCollm, collected 18 points to tie the Michigan State runners.

O'Reilly, State's star miler, won in 4:21.6. Wheelock was second. The first and second places gave Kansas State the bronze trophy. A duplicate will be awarded to Michigan State.

In the preliminaries of the 120-yard high hurdles, Joe Knappenberger lowered the Kansas State varsity record a tenth of a second with the time of 14:7. The former record of 14:8 was set by Harry Hinckley in 1931.

Another record breaking performance was turned in by Paul Fanning, sophomore discus man, whose fourth place heave of 142 feet, 7 inches, was the best ever made by a Kansas State man in intercollegiate competition.

Paper Modernizes House

To show the residents of Johnson and Stanton county how to make an old house "comfortably different" is the project undertaken by the Johnson Pioneer in conjunction with the Better Housing campaign. H. O. Dendurent, '34, is editor and "wheel horse" for the Pioneer, owned by Rolland Jacquart of Sublette.

To make the project a public venture, the Pioneer bought one of the oldest houses in Johnson and has been having it remodeled and modernized. People are now invited to visit the house during its modernization and ask questions from the carpenters, contractors, and plumbers, regarding cost. The feasibility and economy of modernizing out-dated dwellings will be demonstrated as the work progresses.

After the project is completed, the Pioneer will hold open house for all who wish to see the renovated home.

Hill a Busy Speaker

Dr. Howard T. Hill will speak at the fifth annual conference of the Kiwanis club at Topeka Friday on "The Evolution of Kiwanis." Saturday he will address the district conference of Acacia fraternity chapters at Lawrence. Kansas State, Missouri, Oklahoma, Colorado, Nebraska, and Iowa State will be represented. Dr. Hill spoke Thursday at a meeting of the leaders' conference of the Kansas Emergency Relief corps.

TRAVEL TALKS, RELIGION WORLD FORUM SUBJECTS

**INSPIRATION AND ORIENTATION
ARE PROVIDED IN PROGRAM**

International Affairs, Peace Outlook, To Be Discussed in Y. M.-Y. W. Sponsored Meetings Here During Next Few Days

The person who dotes on travel talks, the one who is deeply interested in international affairs, he who is anxious about world peace, he who wants inspiration for daily living or orientation in his spiritual life—all these have been considered by campus Y. M. and Y. W. C. A. officers in planning this spring's world forum which is to begin Friday, April 5, and continue throughout Sunday.

The four men who will share pulpit and platform are Dr. H. B. Benninghoff, professor of political science, Waseda university, Tokio, Japan; Rev. Carter Harrison, who has traveled over much of five continents during the last 10 years; Dr. Lambertus Hekhuis, for 10 years president of a college in India and now head of the department of religious education and philosophy at the University of Wichita; and Dr. Edward Hislop, superintendent of the Kansas City district of the Methodist church.

All will speak in the city churches Sunday morning and evening. The part of the program scheduled for the campus follows:

FRIDAY

10 a. m. College assembly, Dr. H. B. Benninghoff. "What Japan Thinks of America."

12:20 p. m. Student forum—upstairs, college cafeteria, Dr. L. Hekhuis. "What College Does to One's Religion."

4 p. m. Round table in Recreation center. "The Russian-Japanese Situation," Doctor Harrison.

8 p. m. Mass meeting at Recreation center, Dr. Harrison. "Outlook for World Peace."

SATURDAY IN RECREATION CENTER
9 a. m. "See India and Live," Doctor Hekhuis.

10 a. m. "East Versus West—A Clash of Attitudes," Doctor Benninghoff.

11 a. m. "Germany as I Saw It," Doctor Harrison.

7:30 p. m. Open meeting sponsored by Intersociety council. "Japan in the Far East," Doctor Benninghoff.

Only Two Tennis Lettermen

With the first match of the season scheduled for April 12 against Nebraska, Coach C. S. Moll has before him the task of building a tennis team with only two available lettermen. LeRoy Butler, outstanding member of the 1934 team, did not return to school. Captain Garland Hoglund and Richard Fowler, lettermen of two years ago, are the returning lettermen.

Mrs. Clara H. Derby Dies

Mrs. Clara H. Derby, 97, a pioneer of Kansas and wife of the late F. A. Derby of Lawrence, Kan., died March 26 at the home of her daughter, Miss Grace E. Derby, associate librarian of the college. Although nearly 98, Mrs. Derby had remarkable possession of her faculties and had been ill only a week. She had

PROGRESS OF KANSAS PRESS F. E. C.

The Pretty Prairie Times is devoting two pages of each issue to a Who's Who of the Hutchinson trading center. Under two column feature heads, the Times carries stories concerning Hutchinson merchants. C. W. Claybaugh, editor, is the father of Charles W. Claybaugh, '26.

In a recent issue of the Clay Center Times, editor L. F. Valentine carried a full page illustrated story of the history of railroad trains. The article was written by Floyd Schultz, mechanic on one of the first Union Pacific motors. Many interesting and informative facts were included in the article.

"Who's Who in a Nutshell," a new feature in the Olathe Mirror, includes sketches and photographs of Olathe business and professional men. John W. Breyfogle is publisher, and Kenneth Meuser is managing editor of the Mirror. Mary

maintained a surprising interest in current problems—local, state, and national. She is survived by her daughter, two sons, Frederick A. Derby, Topeka, and George F. Derby of Lawrence; a sister, Mrs. I. T. Steele of near Richland, and a brother, Elmer White of Donna, Tex. Mrs. Derby was known by many students and alumni.

ATHLETIC COUNCIL AWARDS VARSITY LETTERS TO 24

**Nineteen Freshmen Also Are Given
Numerals in Recognition for
Proficiency**

Twenty-four men were awarded varsity letters in swimming, basketball, and wrestling recently by the athletic council. The council also approved recognition for 19 freshmen athletes. All had been recommended by the coaching staff.

Head Coach Frank Root recommended the following who were awarded varsity basketball letters: Captain Oren Stoner, Sabetha; Lee Railsback, Langdon; Arnold Mills, Russell; Richard Armstrong, Riley; Frank Groves, Atchison; James Freeland, Trenton, Mo.; Wayne Thornbrough, Lakin; Arthur Tellejohn, Kansas City, and Paul Gilpin, Topeka.

Freshman basketball numerals were approved for 11 men: They are: Al Burns, Kansas City; Jack A. Miller, Midland; Floyd W. Fulton, Coffeyville; D. A. Thompson, Cheney; H. W. Cleveland, Muscotah; Ed W. Klimek, Manhattan; C. J. Schiermann, Liberty; G. C. Poppenhouse, Manhattan; R. L. Ellis, Wichita; Malcolm Jensen, Leavenworth; and Howard Norman, Kansas City, Mo.

Varsity wrestling letters went to: W. J. Sherar, Latham; Forrest Fansher, Edmond, Okla.; Eugene Howe, captain elect, Stockdale; Dean Swift, Olathe; Captain R. H. Campbell, Grenola; Ernest Jessup, Wichita; Claude Young, Utica, and W. F. Walters, Manhattan.

Coach Moll recommended 16 men for letters and numerals in swimming. Varsity numerals went to Captain Joe Creed, Bartlesville, Okla.; Robert Blanche, Leavenworth; Sidney Brady, Manhattan; Grover Steele, Barnes; Wilbur Combs, Bartlesville, Okla.; Dave Umberger, Manhattan; James Gaume, Salina, and Keith Lassen, Manhattan. Numeral awards went to these eight men: Newton Eaton, Chanute; Alimison Jonnard, Manhattan; Lee Ward, Manhattan; Bruce Blanche, Leavenworth; Robert Anderson, Lyons; Martin Pattison, Manhattan; Donald Justice, Dodge City, and James Graves, Independence.

Mary Whitelaw Writes Article

Mary B. Whitelaw, '34, wrote an article, "Young Blood Is Need of Papers," which appeared in the March issue of the Jayhawker Press magazine, the official publication of the Kansas Press association. Miss Whitelaw is working for the Olathe Mirror.

Miss Barfoot in Chicago

Miss Dorothy Barfoot of the art department is attending the Western Art convention April 3 to 6 in Chicago.

FEDERAL OWNERSHIP OF MUNITIONS IS DEBATED

**KANSAS STATE CO-EDS PITTED
AGAINST NEW YORK U. MEN**

Student Orators Contend That Armaments Manufacturers Fleeced Government, Control Military Policies, Jeopardize American Safety

"Government Ownership of the Munitions Industry" was the subject debated in student assembly Monday afternoon by two Kansas State co-eds and two New York university men students. The co-eds, who favored ownership, were Pauline Schloesser, freshman from Fredonia, and Beulah Browning, junior from Abilene. The negative debaters were Mortimer E. Greif and Raymond Fagan.

Miss Schloesser opened the debate, making two points, both uncontested by the negatives, that two definite evils have resulted from private ownership of armament factories: that exorbitant prices must be paid by the government for necessary war equipment, and that their activities tend to precipitate wars here and abroad and through powerful government lobbies determine armament policies.

BLAMES ARMS MANUFACTURERS

Miss Browning further showed how American armament manufacturers have sold war equipment to enemies of the country, to Mexicans, Germans, and others who later became opponents; how they sell to any nation that will pay the price, designs for war machines, patents, secret formulae and hence negate our own defense, and have inveigled the government into purchase of costly war equipment admitted to be obsolete in another war: battleships, heavy armament units. Further, she contended that it would not be difficult for the government to take over the industry since it already owns shipyards, Muscle Shoals, and some armament factories.

Mr. Fagan frankly admitted the evils of private ownership but declared all business to be equally corrupt, and all equally interested in precipitating wars for profit. If you nationalize munitions factories, you must nationalize all business. The only cure is elimination of the whole profit system, he declared, and he questioned whether his audience wanted that. "If, as Baruch urges, munitions profits are reduced to a mere 2 per cent instead of the 300 to 800, there will still be an incentive to make profits and resort to any tactics to do so."

FAVORS NATIONALIZATION

Mr. Greif elaborated on this theme, pointing out that the whole capitalistic system was such as to lead to wars through the fight for markets, and showed how oil companies were back of American military activities at Vera Cruz, in Mexico. American fruit growers, even farmers, bring pressure upon congress which, through trade tactics, lead to wars. Nationalization of all industries is the only way out, he insisted.

Miss Schloesser was the only rebuttal speaker. She pointed out that though other industries than munitions may have resorted to questionable practices they at least did not hire a man to go to a disarmament conference and wreck it as the armament firms of America have admitted doing.

It was a no-decision debate. Dr. J. E. Kammeyer presided. Speakers on both sides were spirited and held the close attention of the large audience.

Atkeson Takes Charge

F. W. Atkeson of the University of Idaho, named recently to succeed J. B. Fitch as head of the department of dairy husbandry, arrived Monday and took over his new duties. Professor Atkeson was head of dairy work at Idaho university the last 14 years. He is an accredited judge of the American Jersey Cattle club and the Holstein-Friesian association, a member of various national honorary and professional organizations, and has published many articles and bulletins. He was graduated from Missouri university in 1918 and received a master's degree from Kansas State college in 1929.

Mrs. Rachel Adams, 81, died at her home, 1527 Leavenworth, March 25. Mrs. Adams was the mother of Miss Addie J. Adams, a member of the college postoffice staff. Surviving Mrs. Adams are two sons, five daughters, and a stepson.

THE KANSAS INDUSTRIALIST

Volume 61

Kansas State College of Agriculture and Applied Science, Manhattan, Wednesday, April 10, 1935

Number 26

SIGMA XI WILL INITIATE EIGHTEEN NEW MEMBERS

CEREMONY, BANQUET, AND LECTURE WILL BE FRIDAY NIGHT

Dr. K. S. Lashley, Chicago University, Neurologist, Geneticist, and Psychologist, Will Address Open Meeting in Recreation Center

Formal initiation for 18 newly elected members of Sigma Xi, honorary science fraternity, will be Friday night of this week followed by a banquet in their honor. At 8 o'clock, following the installation ceremony and banquet, Dr. K. S. Lashley of Chicago university, internationally known neurologist, geneticist, and psychologist, will give an address at an open meeting in Recreation center on "Functional Reorganization After Brain Injuries."

The 18 new members were elected at a meeting of Sigma Xi Friday afternoon. Eight were made associate members and 10 were elected to full resident membership.

Election to Sigma Xi is based on accomplishments in original research and recognition of promising ability in students. Members are elected from prominent investigators in other institutions, where there is no chapter, and from faculty and graduate students of Kansas State college.

REQUIREMENTS HIGH

Seniors and graduate students are selected generally for associate membership on the basis of research ability and their promise of continued research. Outstanding original research finished and published in leading scientific journals is a standard set for election of faculty members.

Seniors elected to associate membership were: Donald R. Cornelius, Wheaton, agronomy; Albert Adam Thornbrough, Lakin, agricultural economics; Alan M. Schaible, Fairview, chemistry; Frederick R. Senti, Cawker City, chemistry; and B. W. Beadle, Talmage, chemistry.

Graduate students elected to associate membership were: Donald H. Bowman, Manhattan, plant pathology; Margaret Jeanne Tabor, Marcellus, Mich., zoology; and Everett J. McNay, Manhattan, entomology.

Graduate students elected to full resident membership were: Ivan Pratt, Hope, zoology; Burton L. Baker, Perrington, Mich., zoology.

Faculty members elected to full resident membership were: R. T. Cotton, entomology; Prof. E. E. Leasure, pathology; Prof. Earl R. Dawley, applied mechanics; and Charles G. Dobrovolsky, zoology.

THREE ARE PROMOTED

These associate members were promoted to full membership: Prof. H. E. Myers, associate member, University of Illinois, 1929; C. O. Grandfield, agronomy, associate member, Kansas State college, 1929; and C. A. Brandy, bacteriology, associate member, Kansas State college, 1930.

Prof. Roy C. Langford of the psychology department was elected for affiliation with the Kansas State chapter as an associate member from Stanford university, 1932.

Election of new members was announced by Dr. Roger C. Smith, secretary. The membership which recommended the 18 nominees for consideration of the organization were: Edwin C. Miller, H. H. King, Martha M. Kramer, D. C. Warren, and Roger C. Smith. Dr. D. C. Warren is president of Sigma Xi.

SIGMA XI TO GRANT AWARDS FOR OUTSTANDING RESEARCH

Cash Prize of Not To Exceed \$25 Will Be Presented Each Year

In an effort to stimulate interest in scientific research the Kansas State college chapter of Sigma Xi, honorary science fraternity, adopted a plan at its last meeting to grant an annual award to a student or graduate student completing the most outstanding piece of research each year. A cash prize of not to exceed \$25 and a certificate of merit will be awarded. The research prize is available to students working in the sciences who

are not regular members of the staff. Undergraduates and graduate students holding assistantships are eligible. Not more than one person from a department may be nominated each year. The nominee shall be chosen by a majority vote of members of the department.

The finished report of the research shall have been completed within the calendar year. Manuscript of the author nominated shall be submitted to the secretary of the Kansas State chapter of the society of Sigma Xi by one of the Sigma Xi members of the department concerned. Research dissertations shall be due in the secretary's office on or before September 20 each year.

PROMINENT PSYCHOLOGIST WILL BE SIGMA XI SPEAKER

Dr. K. S. Lashley of Chicago University Secured by Psychology Department for Address Here

Dr. K. S. Lashley, neurologist, geneticist, and psychologist, who is to deliver the annual Sigma Xi address at an open meeting Friday night at 8 o'clock in Recreation center, is best known for his researches on the loss and recovery of functions after injuries to the central nervous system. His subject will be "Functional Reorganization After Brain Injuries."

Doctor Lashley probably will include results of his research in the lecture. He describes his talk as "A discussion of the role of such factors as direct interruption of nervous paths, metabolic disturbance and reduced nervous energy in producing disturbances of behavior, and of the significance of recovery from such disorders for brain physiology and for the psychology of learning."

Doctor Lashley was secured for this lecture on the recommendation of the psychology staff of the college. Dr. J. C. Peterson of the department considers Doctor Lashley one of several great psychologists in America.

Born in West Virginia, Mr. Lashley received his early education there, received a master's degree at the University of Pittsburgh, and his doctorate at Johns Hopkins. He is now professor of psychology at the University of Chicago and has held positions at the University of Minnesota and Columbia university.

Doctor Lashley will address the Sigma Xi chapter in Columbia, Mo., April 10 and the Sigma Xi chapter at the University of Kansas April 11 while driving here from Chicago.

ACT SOON TO SAVE REDBUD TREES FROM LEAF FOLDER

Dr. R. L. Parker Advises Spraying Between April 20 and 25

Time for action is approaching for those who wish to save their redbud trees from ravages of the redbud leaf folder, Dr. Ralph L. Parker of the department of entomology advises residents of eastern Kansas.

First application of a spray mixture should be between April 20 and 25. A second application should be made May 25 to give the most complete protection.

Redbud leaf folder, during 1934, caused serious damage. Many trees were defoliated and killed. The larvae of this insect fold the leaves and skeletonize them within the area of the fold. The larva, when nearly grown, has a characteristic marking of black and white bands across the body.

A stomach poison—arsenate of lead, with a sticker of summer oil such as Verdol—is the control measure. The formula is: water, one gallon; lead arsenate, four teaspoonfuls; summer oil, four and one-half teaspoonfuls. For a large amount: 50 gallons of water, one and one-half pounds of lead arsenate, and a quart of summer oil.

Visitor from China

Dr. Lucy Wang, president of a college in China, will inspect the home economics division of the college here today. She will address officers and seniors of Kappa Phi tonight.

KANSAS COOPERATIVES GUESTS HERE NEXT WEEK

BETTER UNDERSTANDING PURPOSE SESSION APRIL 18-19

Dr. F. F. Elliott, Chief of Production Planning Section of AAA, W. E. Grimes, and R. M. Green Are Among the Speakers

Kansas cooperatives and general farm organizations will be guests of Kansas State college at a cooperative conference here April 18 and 19. The conference is planned to develop better understanding and closer cooperation among Kansas cooperators.

The conference will start Thursday at 1:30 o'clock. W. E. Grimes, head of the department of agricultural economics, will give the main address of the opening session, discussing "The Relation of the New Deal to the Cooperative Movement." Speakers from Topeka, Kansas City, Sabetha, Dodge City, and Hutchinson will give a series of 10-minute talks on developments among cooperatives since the inauguration of the New Deal.

AAA AUTHORITY TO SPEAK

A feature of the Friday morning meeting will be an address by Dr. F. F. Elliott, chief of the production planning section of the AAA, who will talk on "The Future Program of the AAA."

Doctor Elliott, a graduate of the University of Kentucky and the University of Wisconsin, spent three years in the bureau of census directing the work of securing information on types of farming in connection with the United States census of 1930. His task now is to prepare programs for the future adjustment of American agriculture.

R. M. GREEN ON CREDIT PROGRAM

R. M. Green, formerly of the staff of Kansas State college, also will speak at the Friday morning meeting. His subject will be "The Credit Program in Relation to Cooperatives." Mr. Green is now principal agricultural economist, farm credit administration, Washington, D. C.

Meetings will be held in the west wing of Waters hall. A banquet program at the college cafeteria the night of April 18 will include an address by Ralph Snyder, president of the Bank for Cooperatives, Wichita. President F. D. Farrell will be toastmaster.

'THISTLES FOR BEEF CATTLE' ON HAYS ROUNDUP PROGRAM

Twenty-fourth Annual Cattlemen's Meeting Will Be April 27

Special studies of the Russian thistle as a feed for beef cattle, conducted this year by the Hays branch of the experiment station, will be one of many interesting subjects on the program of the twenty-fourth annual cattlemen's roundup at the Hays branch experiment station Saturday, April 27.

In addition to the special study this year of Russian thistles as a feed the Hays branch station has continued its study of the sorghum crops, particularly with reference to time of cutting and handling. These and other investigations of interest are expected to attract cattlemen from all sections of western Kansas to the annual roundup. The complete program will be announced soon by L. C. Aicher, superintendent of the Hays branch station.

COMPRESSION TESTS, THE SUBJECT OF NEW BULLETIN

L. H. Koenitzer Gives Results of Four Years Investigation on Concrete

Proposed methods of making compression tests on portions of concrete beams from flexure tests, is the subject of Kansas State college bulletin number 34 which is just off the press and ready for distribution.

The bulletin was prepared by L. H. Koenitzer, assistant professor of applied mechanics, for the engineering experiment station of which Dean R. A. Seaton is director. Free copies are available to all citizens of the

state upon request to the director.

The practice of making flexure tests on concrete for use in pavements is almost universally established. In addition to the modulus of rupture strength, most engineers, however, also desire to secure the compressive strength of the concrete.

Four years ago it came to the attention of Prof. C. H. Scholer that in some European laboratories it was common practice to make compression tests on portions of beams from flexure tests. The road materials laboratory and the Kansas highway commission have been making an informal investigation of this method and the results are presented in Mr. Koenitzer's bulletin.

MUSIC MAJORS TO GIVE 'HANSEL AND GRETEL'

Ruth Hartman Directs Cutting of Famous Opera with Grade School Chorus, College Singers

Hansel and Gretel, the wicked witch, and the cookie children, will have their hour upon the high school stage next Friday evening. Thirteen college students who are majors in music education, have the leading roles, and the city fourth, fifth, and sixth grade children will be the choruses, angels, and cookie children.

Elsmith's adaptation of the Humperdinck-Wette opera "Hansel and Gretel" will be used. The cast is: Peter, Leland Roberts of Ogden; Gertrude, his wife, Eleanor Weller, Abilene; Hansel, Doris Dalton, St. George; Gretel, Mary Le Bow, Manhattan; the Witch, Edythe Huitt, Salina; Sandman, Betty Shackelford, Cameron, Mo.; Dew-men, Geraldine Hammond, St. John, Margaret Higdon, South Haven, and Lucille Hernon, Amy.

Accompanists will be Margaret Hendrickson, Atlanta, and Grace Umberger, Manhattan. In charge of the dances which precede the opera are three college students: Inez King, Junction City; Mary Lois Rynders, Wichita; and Mary Le Bow, Manhattan.

Part one of the evening's program will be spring songs and dances of woodland folk, given by kindergarten and primary school children.

The entire program is in charge of Miss Ruth Hartman, assistant professor of music at the college, and supervisor of music in the Woodrow Wilson school where college students in the department of music do their practice teaching. Such a spring concert is given every other year by the music department.

STAFF MEN PROMINENT IN BETTER LIVESTOCK PLANS

Call, McCampbell, Bell, Moxley, and Weber Participating

Kansas State college men have an important place in the arrangements and program for Better Livestock day at the Ralph Poland farm 10 miles southwest of Junction City Thursday, April 18. The complete program has just been announced by A. J. Schuler, Junction City, president of the Geary and Dickinson Angus Breeders' association, sponsor of the event.

Dean L. E. Call and Dr. C. W. McCampbell of the division of agriculture are among the five speakers scheduled for the afternoon program beginning at 1:30 o'clock. F. W. Bell and J. J. Moxley will announce the official placings of the contest at 11:30. The contests begin at 9:30. A. D. Weber of the college is secretary of the Geary-Dickinson Angus association.

Contests, food, and appropriate talks are included in the program. Mr. Poland will give two purebred Angus heifers, the American Aberdeen-Angus Breeders' association will award two trophies, and the Geary-Dickinson breeders will give ribbons to high individuals in the various judging contests which are open to farmers, breeders, and students. One hundred head of purebred Angus, including prize winners from the show herd of J. B. Hollinger of Chapman, will be exhibited.

'AMERICANS FED BUNK AS TO RUSSIA,' HARRISON

'RUSSO-JAPANESE WAR DANGER NOW SLIGHT'

Speaker Presents Sympathetic Picture of German Situation and Demands, Shows Truth of Denial of War Guilt Burden

Russia, Germany, and the outlook for world peace were discussed by Rev. Carter Harrison in his world forum talks on the campus last weekend.

Danger of a war between Japan and Russia now is slight, he declared, in his Friday afternoon talk, "The Russo-Japanese Situation." Since Russia sold to Japan her Chinese Eastern railway in Manchuria, the chief cause of friction has disappeared and their relations are the best in years.

Americans are fed a lot of bunk as to Russia, especially by the Hearst press, he said. It will print anything, however untrue it is, if it will serve to discredit the U. S. S. R. He told of the recent expose as to Thomas Walker's series of articles on that country. There are no more divorces in Russia than in the United States. Home life there is different, not to our taste, but no more unstable than here.

RUSSIAN STANDARDS DIFFERENT

Russia should never be judged by the same standards used for other western countries, he contended. She is the product of a totally different environment. Russia was never a part of the Roman empire nor of the Roman Catholic church, from which the rest developed their law and religion. The Latin and Greek classics never reached her. She never had a renaissance, a period of geographical exploration, a mechanical revolution, Puritanism—all of which so profoundly influenced the other western countries.

Starting with a post-war ruined industrial situation, no credit, famine, she has yet accomplished something, though not what she had hoped for, and living conditions have been somewhat improved, he said.

"Germany As I Saw It" was Harrison's Saturday morning subject. He pointed out the lack of unity in that country from its earliest history up until the present—the diversity of language, temperament, attitudes, and pictured the army as one of the few unifying forces.

OTHER COUNTRIES RE-ARMING

He pictured the rise of Hitler, contrasting the defeatism of the country in 1932 and its optimism now. He discussed sympathetically the German insistence on scrapping the unjust Versailles treaty, which the Allies themselves have disregarded wherever it was to their advantage to. Their denial of being the sole country guilty of perpetrating the World war, he showed to be vindicated by post-war study of archives. As to their demand for security, he showed how well armed France and Italy are, and how fear of invasion made them insist on the right to arm. "It is unfair to make rearmament news only when Germany is concerned. The American naval maneuvers next month off the coast of Japan, the largest in world history, is a far more disturbing flaunting of armaments." German demand for treatment as an equal he also presented from a sympathetic viewpoint.

Bowman to Wisconsin

Donald Bowman, for two years a graduate research assistant in the department of botany and plant pathology, has been appointed to a research assistantship in the department of plant pathology, University of Wisconsin. This gives him an opportunity to continue graduate work in one of the best departments in the United States in his field. He will report at Madison May 15 and will conduct studies this summer on corn root rot investigations. His place at Manhattan in the department of botany will be taken by Earl D. Hansing of the University of Minnesota.

The KANSAS INDUSTRIALIST

Established April 24, 1875

F. D. FARRER, President; Editor-in-Chief
F. E. CHARLES, Managing Editor
R. I. THACKREY, H. P. HOSTETTER,
RALPH LASHBROOK, Assoc. Editors
KENNETH L. FORD, ALUMNI EDITOR

Published weekly during the college year by the Kansas State College of Agriculture and Applied Science, Manhattan, Kansas.

Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. C. E. Rogers is head.

The price of THE KANSAS INDUSTRIALIST is \$3 a year, payable in advance.

Entered at the postoffice, Manhattan, Kansas, as second-class matter October 27, 1918. Act of July 16, 1894.

Make checks and drafts payable to the K. S. C. Alumni association, Manhattan. Subscriptions for all alumni and former students, \$3 a year; life subscriptions, \$50 cash or in installments. Membership in alumni association included.



WEDNESDAY, APRIL 10, 1935

BACKGROUND IN OLD BOOKS

Last December the Kansas State college poultry department announced the purchase, by Librarian A. B. Smith, of one hundred and fifty volumes of old poultry books. Among the collection were several copies of rare early works on the subject of poultry, including six written before 1785 and thirty-one written before 1850. Several have been added since and the department library was further improved by the addition of a hundred volumes of bound poultry journals, records of poultry conventions, and revisions of the American Standard of Excellence and Perfection.

The latter were purchased for the department by the Kansas Poultry Improvement association. Nearly all of the old volumes were from the personal library of the late Grant M. Curtis, Dayton, Ohio, who had one of the best private libraries on the subject of poultry in America.

Now that the Curtis books have been on the Kansas State college library shelves a little while, it is interesting to see what use is being made of them. They are, indeed, being used. It goes without saying that members of the faculty, especially of the poultry department, refer to them often. Prof. L. F. Payne has found, from digging into the old books, that husbandmen of one to three centuries ago were most observing, in the light of knowledge revealed by modern poultry research. Ideas that were thought to be wholly the product of contemporary study and observation, it develops, had their origin a hundred years or more ago.

Students who major in poultry husbandry are assigned problems. While one works out a problem at the poultry farm, another delves into pages of history in the library, reading perhaps the cumulative story of artificial incubation.

Those old books give poultry investigations at Kansas State college a background that is needed in all research. They provide a well connected story of the development of poultry for the last three or four centuries, a story supplemented still further by the writings of Plato and Pliny, "the elder," which may be found in the college library.

The poultry department staff has acted wisely in adding to the library these ancient volumes. Someone has said that each time we read a new book we should also read an old one. That is good logic to follow in our efforts to increase the number of volumes in, and the use of, the college library.

BOOKS

Wagner, the Redoubtable

Richard Wagner, the Story of an Artist. By Guy de Pourtales. Translated from the French by Lewis May. Harper and Brothers. New York City. 1932. \$4.

It is a very human Wagner, as well as a great genius, who is presented in this book by the French biographer, Guy de Pourtales. From his birth in Leipzig, the ninth child of an obscure secretary of the police commissioner, to his final journey in a massive coffin laid on a gondola in Vienna, accompanied by the strains of the funeral hymn Liszt

had prophetically composed, it is an intensely interesting and at times a moving story.

De Pourtales has brought to his romantic subject the same authentic scholarship and thorough knowledge of music shown in his preceding books of Liszt and Chopin.

Wagner, the lover, and Wagner, the genius, are closely linked in the tale, for the author believes them to be inseparable, that the former furnished both the material and the driving emotion necessary for the latter. For his first opera, "Die Feen," it was the flirtatious Jenny Rayman, who was merely amusing herself with a callow youth. For "Rienzi," which brought him his first taste of success, it was the cool Minna, first his mistress and at length his wife. Sieglinde was the wife of a conceited and vulgar wine merchant in Paris. The charming and cultured Mathilde was the Isolde, he the Tristan, her husband the King Mark of another moving opera, and also the inspiration of the Valkyrie. Cosima, Liszt's most gifted and noble daughter and Wagner's second wife, throughout their long and eventful relationship fanned the flame of his genius to yet whiter heat. And for his crowning work, it was Judith, the poet's daughter, who gave him that touch of fever which he needed to create his Kundry, foaming at the feet of Parsifal.

The sensuous side of Wagner is further shown through his love of rich fabrics, of color, of perfume, which stimulated him as alcohol or drugs have other men of genius.

Wagner, the courageous, battling the world and paying for each defeat with a new creation, marches through the pages commanding the admiration even of the husbands of the women whom he loved.

A moving part of the book is the story of his lost year in Paris, when the aristocratic Jockey club, incensed that he refused to put a ballet into the second act of the Tannhauser in traditional style, forced the opera off the boards. It is an unforgettable picture of the Jockeys laughing and hissing, of the singers' voices lost in the uproar, his conductor in tears, his wife shaking with fright, and Wagner alone apparently unmoved, though his heart must have been filled with despair and hatred at the wreck of his hopes.

His Jewish phobia was to this reviewer a new piece of information, and part explanation of the interrupted Wagnerian festivals at Bayreuth under the Nazis. Though de Pourtales makes no attempt to trace this feeling to its source, it would seem, from his reporting of Wagner's contacts with Mendelssohn, to have been increased if not born of the indifference of that pampered darling of fortune to the then obscure Wagner. Later Wagner believed Mendelssohn to be secretly egging critics on to their attacks on his operas, through jealousy of his success with Rienzi.

Even a hasty reading of the book makes understandable the adoration with which he is yet regarded by devotees of classic music. Something of the power of the man who with a blending of violence and cajolery could seduce, subdue, convince his musicians, and chorus, his fellow artists, gets into the prose and brings the reader into the circle of those who have come under his spell.—H. P. H.

KANSAS LOST THE LEAD

Kansas dates her first forestry from 1887. A division of forestry was created in the state agricultural college at Manhattan in 1909. Kansas at one time maintained the lead as a tree planting state, but later lost it to Nebraska. About two and one-half per cent of the state area was originally in native forest.

Laws of 1887 allowed county commissioners to make some adjustment in taxes for tree planting but practically no applications were made under it. There is a state nursery at Hays, and 201,000 acres were planted to trees by 1933.

Attempts at forestation in central and western Kansas since 1885 resulted in a large number of good plantations, many poor ones, and naturally some failures due to the different views about tree planting and to the marked differences in conditions.

Prairie fires by the Indians were an early source of destruction to native timber and as these were checked, timber grew again along

the stream courses. There are enough successful plantations remaining to furnish lessons and encouragement for future planting.—Forestry News Digest.

A SURE CROP

Sometime in his experience, many a farmer who likes to brag a little has had a "brag" pasture. But it goes without saying that it was not a piece of waste land with a fence around it. Our English friends take pride in pointing out that they have their best land in pasture. At any rate, the man with a "brag" pasture has noticed what a reliable source of

Shideler, Girard, vice-president; Gene Conklin, Hutchinson, secretary; Gerald E. Ferris, Chapman, treasurer; and Newton Cross, Manhattan, Quill correspondent.

A year's leave of absence was granted to Prof. Nelson Antrim Crawford, head of the department of industrial journalism and printing, to become assistant to Dr. J. M. Jardine, United States secretary of agriculture. C. E. Rogers, associate professor in the department, was to become acting head.

TWENTY YEARS AGO

Orville B. Burtis of Fredonia was

The American Plan

Albert Beecher Crawford in the Saturday Evening Post

We have gone farther than any other country in making higher education widely available at little or no expense to the recipient, with the result that college enrollments have increased about sevenfold since the turn of the century. Such liberality is in itself splendid, but unfortunately, the privilege it offers too often is sought by boys and girls whose lack of money is matched by a lack of intellectual effort or brains as well. The unique feature of this attitude is that "going to college" by us is regarded as a social experience rather than as a process primarily devoted to cultivating demonstrated intellectual superiority and interests. For that reason, financial needs rather than scholastic ability have largely dominated our student-aid procedures in the past, and willingness to work for part of one's expenses has become an accepted substitute for classroom proficiency.

It is this national interpretation of a college course as a social experience rather than as an intellectual contest which has fostered the work-your-way-through-college ideal. Clearly, from this accepted point of view, the "practical experience" aspect of self-support outweighs possible loss in academic learning. It brings the good old University of Hard Knocks right onto the campus and removes from liberal studies such as art or literature or philosophy the possible taint of their questionable business value. It permits the student to meet the old pioneer demand that every man pull his own weight and makes him one with the whole success cult which has made a definite impress upon American culture and encouraged many a self-made man to get his start. It accounts for much of the demand for financial aid from the reasonably well-to-do—they honestly believe in the virtues of self-support and do not wish Roger's future handicapped or his rugged individualism softened by his way being paid for him. Incidentally, the money thus saved will come in quite handily for country-club expenses next summer.

By contrast, other parents applying for aid fear that any effort on the boy's part to help himself along may ruin their son's health, pull down his grades or—what they most dread!—hurt his social standing. This is nonsense. Provided a student does not overdo self-support, there is no reason why he cannot stand well in his class, scholastically and generally, if he is the sort of person who would do so anyway. In this respect, American undergraduates are not snobs—if anything, they make allowances for the working student and "give him a break" more often than not.

income that pasture field is—sort of like his wife's butter and egg money. No crop failures. No rush periods for seeding and harvest. No worry with cloudbursts, early frost, and the like.

But have you noticed how hard it is to stir up enthusiasm over a pasture? If you have a field of corn that has averaged 80 bushels, or have threshed 50 bushels of oats or 40 bushels of wheat, folks talk about it; but a man can have a pasture that is making him more net profit than any other field on his farm and nobody says anything about it. In short, a pasture-and-livestock system of farming is one where profits are steady and less spectacular in exceptional years, giving a man less opportunity to boast, but bringing him more assurance of a steady income, one year with another.—From a radio address by C. D. Lowe.

IN OLDER DAYS

From the Files of The Industrialist

TEN YEARS AGO

Paul Pfuetze of Manhattan was elected president of the Y. M. C. A. The new vice-president was Paul Axtell, Argonia, and Paul Skinner, Manhattan, was treasurer.

Sigma Delta Chi, men's honorary journalism fraternity, installed the following officers: Russell I. Thackrey, Manhattan, president; Fred

appointed colonel of the cadet corps—the first officer of that rank ever appointed at the college. Creation of the new office was due to the large size of the cadet corps.

A petition of the Press club, local body of men journalism students, was accepted by Sigma Delta Chi, honorary journalistic fraternity. Charter members of the Kansas State chapter were to be V. E. Bundy, Thompson Blackburn, G. J. Graham, D. P. Ricord, Ralph H. Heppe, and E. H. Smith. There were 20 chapters of Sigma Delta Chi in American universities.

THIRTY YEARS AGO

Charles Hughes, private secretary to President Nichols, resigned his position to study law in the Kansas City law school.

Miss Marguerite E. Barbour, director of physical training, entertained her calisthenics class at a luncheon at the Manhattan Candy kitchen.

Asst. G. C. Wheeler, '95, of the animal husbandry department, resigned to take charge of a large stock farm north of Kansas City. The farm was owned by Doctor Perkins, a noted Kansas City surgeon.

FORTY YEARS AGO

The dinner on commencement day was to be furnished by ladies of the Christian church.

Albert Dickens, '93, was visiting

friends in Manhattan. He had just finished a term of school at Bushton.

The Horticultural Review of London, England, devoted a full page to a description of the college, urging establishment in England of a system of agricultural education on economical terms "such as that at Manhattan, Kansas, U. S. A."

FIFTY YEARS AGO

John W. Shartel, '84, of Topeka visited at the college. In addition to studying law, he taught political economy and commercial law in Pond's Business college.

With the closing of the north entrance gate to the campus, drives across the grounds were no longer a "public highway." Loads of hay, corn, wool, sand, and saw logs, which were long prominent features of the grounds, were to be conspicuous by their absence.

GO, LITTLE BOOK

Robert Louis Stevenson

Go, little book, and wish to all Flowers in the garden, meat in the hall,
A bin of wine, a spice of wit,
A house with lawns enclosing it,
A living river by the door,
A nightingale in the sycamore.

SUNFLOWERS

By H. W. D.

THE GIRLS STRIKE BACK

You remember those 14 females I told on a couple of weeks ago for spending a quarter each and subscribing to a correspondence course in the art of fascinating men? Well, I've heard from them—and here's how and what.

"Having now had four lessons in the fundamentals of fascinating you men, we feel in a position to go to press, ourselves. We have met and fascinated enough puny males in the last three weeks to fill your old column for a year—if laid end to end, as they should be. Femininity may be a great institution, but if we had foreseen the consequences, we'd have stuck with feminism, which is sterner stuff.

"In fact, sir, it's all so easy that we've lost our interest. We haven't met anyone who's capable of withstanding even the most elementary attack. Up to now, we've thought Delilah and Cleopatra and Helen of Troy outstanding girls. But now that we understand the subtle art of charm, we wonder how they could have been satisfied with such a simple racket.

"We've decided the men are the ones who could really stand a little training. We propose to offer a course in Masculine Fascination. We know all the ropes. All we want now is for the men to find out how to win a woman's heart.

"In the first place, the man who wishes to be popular—to have girls flock about him and pay him court—should remember that brain cells are essentially the same the world over. A spark of intelligence—even if it does originate in the mind of a woman—should now and then call forth comment other than 'Aw, nerts!' or 'Whaddya mean?' or some other equally bright rejoinder.

"Men should frequently forget their own importance—in spite of the fact they're born that way—and remember that women, like dogs, have feelings.

"We also wish that men could occasionally forget their little boy instincts and not insist on wearing corduroys and sneakers when we have on organdie—or not wear derbies and carry canes when we have on sport clothes. It is most disconcerting!

"Just as women should never be frank and honest with men, they, in turn, should always be frank and honest with us. Brutal frankness is less devastating to the dainty sex than is deceit.

"Until the boys brush up a little on their charm, they need not expect any more real interest from us girls. So far, this business of fascinating men has been more like catching fish and throwing them back in the lake because they aren't good for anything."

All of which gives me no room to say anything, and nothing to say if I had the room.

AMONG THE ALUMNI

Maude (Sayers) DeLand, '89, lives at 619 Monroe, Topeka.

John Eugene Thackrey, '93, and Elva (Palmer) Thackrey, '96, live at Bushton. Mr. Thackrey is pastor of the Methodist Episcopal church there.

Guy C. Rexroad, '09, is deputy warden of the United States penitentiary at Ft. Leavenworth. Colonel Rexroad also is state senator from the thirty-sixth district of Kansas. He and Mabel (Hazen) Rexroad, '09, live at the deputy warden's residence, Ft. Leavenworth.

Carl D. Irwin, '10, is farming at Kimberly, Ida.

Andrew J. Wheeler, '11, is principal of the high school department of the Nashville Agricultural Normal institute. Mr. Wheeler also teaches agriculture. His home is at Madison, Tenn.

George Eugene Maroney, '12, lives at 124 Johnson street, Modesto, Calif. He is an instructor in biological sciences, physics, zoology, and anatomy, at the Modesto junior college. Mr. Maroney also is premedical and pre-dental adviser at the college.

Lucy (Platt) Stants, '12, is managing an apartment house in Wichita. Her address is 831 North St. Francis, Wichita.

Reuben E. Wiseman, '13, is stationed at Barksdale Field, La., near Shreveport. His address is box 58, Barksdale Field, La.

Victor Dryden, '13, is director of physical education and coach at the Proctor, Minn., high school.

Dr. J. J. Frey, '14, 986 Cragmont avenue, Berkeley, Calif., is general sales manager for the Golden State company, Ltd. He travels over the entire United States.

George Denton Miller, '14 is farming on route 3 near Horton.

Cameron Goldsmith, '14, and Nelle (Wilkie) Goldsmith, '18, live at Borge, Tex., where they own a large dairy.

Walter Smith, '15, is a salesman with the Fuller Brush company. He lives at 1119 East Eighth street, Kansas City, Mo.

W. R. Worthington, '15, is living at 809 Straley avenue, Princeton, W. Va. He is an agent for a farm insurance company.

Ralph C. Erskine, '16, is manager of an apartment hotel in Washington, D. C. His address is 3700 Massachusetts avenue, N. W., Washington, D. C.

C. G. Steinsmeyer, '16, 607 East Franklin, Bloomfield, Iowa, is teaching vocational agriculture and science in the high school.

D. G. O'Harro, f. s. '17, is chief accountant for the Associated Oil company, San Francisco, Calif. He and Esther (Nachman) O'Harro, f. s. '17, live at 4128 Lakeshore avenue, Oakland, Calif.

George C. Gibbons, '18, is manager of the Ardmore, Okla., chamber of commerce.

Carl L. Hedstrom, '18, is farming at Wallace.

Homer Cross, '19, is living at 341 West Twenty-third street, New York City, N. Y.

Turner Barger, '19, lives at 801 Race street, Cincinnati, Ohio. He is a distributor of General Electric merchandise.

Dr. Frank Hare, '20, is practicing veterinary medicine in Lexington, Ky. His address is 154 Walnut street, Lexington, Ky.

Thomas G. Storey, '21, is division sales manager for the Central Illinois Public Service company. He lives at 863 South Park street, Springfield, Ill.

Chester Eugene Graves, '21, is plant pathologist for the Grasselli Chemical company. His address is 3350 Elsmere road, Shaker Heights, Ohio.

Robert Copple, '21, and Comfort (Neale) Copple, '18, live at 502 Church street, Spencer, W. Va. Mr. Copple is working on a soil erosion project there.

Rolland S. Mather, '22, is a milling chemist with the Walters Brewing company, Peoria, Ill. His address is 609 Vine street, Peoria, Ill.

Ethel Van Gilder, '22, is teaching

home economics in Springfield, Ill. She lives at 635 West Monroe street, apartment 11, Springfield.

Marian Brookover, '22, is teaching home economics and clothing in the Hutchinson junior college and in the Hutchinson high school.

Walter R. Harder, '22, is teaching vocational agriculture in Chanute. His address is 915 West Fourteenth street, Chanute.

E. B. Wells, M. S. '22, recently purchased a seed and grain store in Manhattan. The store will be known as the Central States Seed company. Mr. Wells formerly was with the extension division of the college. Since last year he has been connected with the federal government's seed purchasing agency for the drouth states of Kansas, Oklahoma, Missouri, and Texas. He has been in charge of the offices in Kansas City and Wichita.

Russell V. Loomis, M. S. '23, is now at the Olive View sanitarium, Olive View, Calif.

Winifred Bell, '23, is now at Kinsley.

Harold Sebring, '23, is circuit judge for the eighth judicial circuit of the state of Florida. His address is 1248 North Franklin street, Gainesville, Fla.

O. C. Bruce, '23, is professor of soil technology at the University of Maryland, College Park, Md.

Orpha (Russell) Rhoades, '24, is teaching in the Burbank junior high school in Berkeley, Calif. She lives at 1411 Allston Way, Berkeley.

Ruth Campbell, M. S. '24, is living at 511 West Sixth street, Garnett. She is a case supervisor.

Earl G. Abbott, '24, is a sales engineer with the General Electric company in Chicago. He lives at 3819 Johnson avenue, Western Springs, Ill.

Marjorie (Hubner) Hudson, '25, is living at 615 East Fifth street, Newton.

G. R. Anderson, '25, is working as resident engineer for the Kansas highway commission. He lives at Washington.

Fred D. Allison, '25, is teaching vocational agriculture in the Abilene high school. His address is 109 East Tenth street, Abilene.

Lewis J. Richards, '26, is a medical student at Creighton university in Omaha, Nebr. He lives at 316 North Nineteenth street, Omaha.

John E. Foster, '26, is doing animal husbandry work at the North Carolina State college experiment station, Raleigh, N. C.

M. E. Osborne, '27, is farming at Hanston.

Glenn I. Johnson, '28, is an extension engineer for the state of Georgia. His headquarters is at the college of agriculture, University of Georgia, Athens, Ga.

Earl T. Goodfellow, '28, is teaching mathematics in the high school at Effingham, Ill. He lives at 709 Shelby avenue, Effingham, Ill.

Freda (Shroeder) Johnson, '28, lives at Kiowa.

Arthur R. Weckel, '29, is an engineer with the Sperry company of New York City. His address is 88 Monroe place, Bloomfield, N. J.

Forrest B. Alspach, '29, is an officer in charge of the civilian conservation corps camp at Cass Lake, Minn.

Dr. H. E. Skoog, '30, is the United States bureau of animal industry inspector at Pittston, Pa. He can be reached in care of the Y. M. C. A. there.

J. Foster Martin, '31, is with the United States department of agriculture. He has charge of cereal production and improvement at the Pendleton field, Pendleton, Ore. His address is box 417.

Clyde McKee, M. S. '31, is vice-dean of agriculture at Montana State college, Bozeman, Mont.

Dale Norris, '32, is employed in the sales department of the Kansas Electric Power company at Parsons. Her address is 1701 Grand, Parsons.

Thomas David Dicken, '32, Larned, is county agent of Pawnee county.

Carl Williams, '32, is homestead rehabilitation adviser at Sharon Springs.

Valentine Wright Silkett, '34, is a graduate assistant in the department of farm crops at Michigan State college. He lives at 323 Albert avenue, East Lansing, Mich.

LOOKING AROUND

KENNEY L. FORD

Claude McKay, f. s. '14, Negro poet and novelist, who has attained considerable success in literature in recent years, is the author of an article, "There Goes God," published recently in The Nation and condensed in a recent issue of Readers Digest. His books, "Home to Harlem," "Banjo," and "Banana Bottom," have been circulated widely.

Mr. McKay was born in the British West Indies, and was on the police force there. There he won the medal of the English Institute of Arts and Sciences for his "Constabulary Ballads." Later he came to the United States and completed his education at Tuskegee and Kansas State college. After that he entered the restaurant business in New York City and later worked in kitchens of summer hotels and in Pullman dining cars. In 1920 after the appearance of his poems and articles he became connected with The Liberator. Two years later he visited Russia and then went to France. In 1928 he published the first of his novels of Negro life.

MARRIAGES

THOMSON—BROWN

Mildred Thomson and Richard C. Brown were married March 19 in Manhattan. Mr. Brown is a graduate student at the college. They will live in Manhattan until the end of the school term.

GLICK—CARR

The marriage of Dr. Robert M. Carr and Ruth Glick, '31, took place December 28. For the past year Doctor Carr has been at the Passavant hospital in Chicago. He is now practicing medicine in Junction City where they will live.

RAMEY—SMELSER

Edith Ramey, '33, Manhattan, and Lisle Smelser, '34, Manhattan, were married March 24 at the home of the bride's parents in Manhattan. Mr. Smelser is now employed by the state highway department with headquarters in Leavenworth.

GROVE—MUSSER

Bessie Grove, Irving, and Theodore Musser, f. s. '28, Bigelow, were married March 10 in Marysville. Mrs. Musser has taught several terms in the schools of Marshall county. Mr. Musser is employed by the state highway department at Chanute where they will be at home.

HANCOCK—HAYSLIP

The marriage of Alta Lee Hancock and James Theodore Hayslip, f. s. '26, took place March 20 at Ft. Riley. For the past few years Mrs. Hayslip has been employed by the Montgomery Ward store in Manhattan. Mr. Hayslip is an engineer with the Manhattan Cold Storage Manufacturing and Mercantile company.

DEAN—THACKREY

The marriage of Jessie Dean, '34, and Franklin Thackrey, '33, was March 31 in Manhattan. Mrs. Thackrey has been an assistant in the extension division of the college since her graduation. Mr. Thackrey is employed in the regional office of the land utilization section of the agricultural adjustment administration at Lincoln, Nebr. They are at home at 1535 North Thirty-second street, Lincoln, Nebr.

BIRTHS

M. R. Stiles, '34, and Elsa (Horn) Stiles, 511 Fremont, Manhattan, are the parents of a daughter, E. Marzenda, born March 24.

Lawrence F. Hall, '23, and Eleanor (Watson) Hall, '23, are the parents of a son, Lawrence Barrett, born March 18. They live at 116 North Delaware, Manhattan.

D. L. Mackintosh, M. S. '26, and Constance (Clapp) Mackintosh, f. s., announce the birth of a daughter March 23. Mr. and Mrs. Mackintosh live at 1425 Humboldt, Manhattan.

Farm Economists Meet Here

Research in agricultural adjustments was discussed Friday and Saturday at a meeting on the campus of

agricultural economists from college experiment stations in Nebraska, Wyoming, Oklahoma, Texas, New Mexico, and Colorado. Dr. W. E. Grimes of the department of agricultural economics was chairman of the meeting. Discussions were principally in connection with problems of the red winter wheat belt.

ALUMNI PROFILES

R. V. KNAPP

Impressions created by R. V. Knapp during summer employment with the Bailey Meter company of Cleveland, Ohio, between his junior and senior years at Kansas State college, were so favorable that he was employed by that company immediately after being graduated from the mechanical engineering department in 1921 and has been with the company ever since.

While in college Mr. Knapp's activities included the Engineering association, American Society of Mechanical Engineers, Phi Mu Alpha, honorary music fraternity, Pax, junior men's political organization, Scarab, senior men's political organization, and Pi Kappa Alpha, social fraternity.

Knapp's 14 years of service with the company have seen him as foreman of the Cleveland shops, special investigator on combustion control installations in power plants in St. Louis and Houston, manager of the Chicago offices, and in his present position as manager of the Milwaukee office.

Mrs. Knapp formerly was Jeanette E. Pardee, f. s. '21 and '22. They have two children, both boys, Allen Pardee, 7 years old, and Donald Kirk, 12.

'OUNCE OF PREVENTION' IS AGAIN MOST PRACTICAL PLAN

Cocklebur Poisoning Lends Itself to Preventive Measures

Cocklebur poisoning of young pigs, like many hazards, lends itself better to preventive measures than to treatment. The obvious preventive measure is to keep pigs out of all lots in which cockleburs are likely to appear, according to specialists in the division of veterinary medicine who receive, each spring, reports of deaths from this cause.

Research has demonstrated that young cockleburs are poisonous at the time the first pair of leaves are partially developed—just after germination when the young tender plants appear. Later the plant is not relished by pigs and apparently loses its poisonous properties.

Another preventive measure is to cut cockleburs before seeds mature. This may have to be repeated several years because all of the seeds do not germinate the first year. Persistent cutting will eradicate the weed.

There is no specific remedy once the poison has been absorbed. However, if pigs are seen eating these plants they should at once be given some fatty substance such as milk, unsalted lard, and linseed oil, which will halt the poisonous action of the plant. A veterinarian should be called.

Life Savers' School Here

A. T. McCue, special life saving representative of the American National Red Cross, is in charge of a Red Cross life savers' institute to be held here April 11, 12, and 13. The purpose is for those holding examiners' certificates to review the work. Students must participate in 10 hours of water work in three days to qualify for the examination. The first session will be at 7:30 Thursday night in the men's pool.

Parker Before Cosmos

Dr. John Parker of the agronomy department was the speaker at the weekly meeting of the Cosmopolitan club Thursday night in Recreation center. He compared Cambridge university in England with American colleges and universities.

Ljungdahl to Colby Contest

Phil W. Ljungdahl, Menlo, was a judge of dairy cattle at a contest held at the Colby branch experiment station April 5. Mr. Ljungdahl is a student in animal husbandry and was a member of the dairy judging team last fall.

RECENT HAPPENINGS ON THE HILL

Mrs. J. P. Calderwood, Miss Helen Elcock, and Mrs. Lyle Downey have been selected as the advisory board of the Y. W. C. A. for next fall.

Mu Phi Epsilon, honorary organization for students in the department of music, held formal initiation Sunday for Bernice Covey, Miltonvale; Margaret Hendrickson, Atlanta, and Geraldine Hammond, St. John.

Quill club members met last night at the home of Miss Maria Morris with these new members as special guests: Delite Martin, Lewis; Katharine Kilmer, Kirwin; Mrs. Adah Eir, Manhattan; Woodrow Bell, Marysville; Beth Searles, Wetmore, and Gretchen Isern, Alden.

Sara Jane Antrim, Topeka, was elected president of the W. A. A. at a recent meeting. Others selected were: Nevabelle Mall, Manhattan, vice-president; Laura Jo Skillin, Frankfort, secretary; Gladys Poole, Kansas City, Mo., treasurer; Frances Aicher, Hays, publicity manager, and Mary Lee Shannon, Geneseo, costume box manager.

Phil W. Ljungdahl, Menlo, was elected president of the Block and Bridle club at a meeting last week. Other officers elected were: Tom Potter, Peabody, vice-president; Carl Elling, Manhattan, secretary; Roy Freeland, Effingham, treasurer; and Glenn Dearing, Wellington, marshal. A spring judging contest will be conducted by the organization May 11.

Robert Spencer, Leavenworth, was elected president of the college Y. M. C. A. last week. Other officers elected were Horton Laude, Manhattan, first vice-president; Leonard Hollis, Holton, secretary; Raymond Sollenberger, Manhattan, second vice-president; Max McCord, Manhattan, third vice-president, and Joe Spencer, Leavenworth, fourth vice-president.

The Collegian and Royal Purple boards, which have named the editors and business managers of the student newspaper and the yearbook, have been displaced by a new publications board consisting of three students and three faculty members, according to recent action taken by the student council. The action was approved by the faculty council on student affairs and President F. D. Farrell.

Marjorie Lomas, Princeton, is the new president of Kappa Phi, Methodist girls' organization. Other new officers are Thelma Fleury, Jamestown, vice-president; Georgia Appel, Bushton, corresponding secretary; Fern Geyer, Topeka, recording secretary; Abby Marlatt, Manhattan, treasurer; Alice Sloop, Nortonville, chaplain; Helen Blythe, White City, historian; and Faye Young, Bloom, pianist. Mrs. B. A. Rogers was chosen as a sponsor.

Eleven students were initiated into Pi Kappa Delta, honorary national forensic fraternity, at a joint meeting with the Washburn college chapter Tuesday night following a banquet at the Wareham hotel. Those initiated were: Beulah Browning, Abilene; Pauline Schloessen, Fredonia; John Barhydt, Hutchinson; Edward DeClerck, Carmen, Okla.; Walter Hines, Ashland; Karl Schnell, Jamaica; Paul Wadham, Marysville; J. J. Winderlin, Scott City; Karl Marx Lee, Spencer, Nebr.; Eltan Whan and Albert Worrel, Manhattan.

Crops Judging April 27

The sixteenth annual crops judging contest sponsored by Klod and Kernel Klub, an organization of agronomy students, will be April 27. The contest will be open to all regularly enrolled students in the institution except those who have participated in intercollegiate crops judging.

Forum Last Night

A student-faculty forum was scheduled for last night in Recreation center to discuss the proposed "History of Kansas State College" and the plans for student participation in the seventy-fifth anniversary celebration of the college in 1938.

'JAPAN DUPED IN EARLY RELATIONS WITH WEST'

DR. BENNINGHOFF SHOWS CAUSES OF JAPANESE ATTITUDES

Says Problem There Similar to Ours if All Americans Forced to Live East of Appalachians

The Japanese viewpoint on international affairs was given last week end by Dr. H. B. Benninghoff, political science professor in Waseda university, Tokio, in his world forum talks. His purpose was to get his audience to understand, whether or not they condoned, Japanese actions.

"What would the United States do if all her population was crowded into the territory east of the Appalachians?" he asked, in his Friday morning assembly talk on "East vs. West—the Clash of Attitudes." In a little strip of territory 150 miles wide, extending as far as from Seattle to Santiago, only 15 per cent of which is arable, Japan has 20 million more people than live in the United States west of the Mississippi. Her population problem is desperate.

JAPAN DISILLUSIONED

Japan also is disillusioned as to western culture, he said. Her ancient traditions do not seem to work in democratic forms and in her social background. Moreover, no matter how hard she tries to achieve unity with the west through adopting its ways, she is not welcomed as an equal.

He showed how the great western nations, including America, had secured vantage points on the Asiatic coast and were exploiting those countries before Japan began to feel her need, and how she is just as zealous as we to find her place under the sun.

The three onerous treaty articles forced upon Japan when she was weak and ignorant of western ways, Doctor Benninghoff discussed in more detail Saturday morning in his talk, "What Japan Thinks of America."

Extra-territoriality, which placed foreigners in Japan outside her control, no matter what they did, was the first humiliating "right" secured by the westerners, he said. Perpetual leases, which set aside certain land for westerners' use and completely under their control, still existent in Japan are another constant source of bad feeling, wrested as they were from Japan when she was too weak to prevent it. The five per cent ad valorem tariff provision was the third sore spot; by it Japan was permitted to tax imports only up to five per cent of their value, whereas she soon found that all other nations charged many times that amount for some articles and that no country had a flat rate. Yet not until 1910 was she able to secure tariff autonomy.

OBJECTS TO DISCRIMINATION

Japan does not object to an American exclusion act, he further declared. She does object to being singled out for discrimination on the ground of race. When at the advice of American experts, she became a great industrial country, to keep her people there in Japan, she found that her goods were as unwelcome as her emigrants; so she feels checkmated at every turn. No wonder she has now turned her eyes back to the east and has adopted the slogan, "Asia for the Asiatics."

THIRTY-TWO FRESHMEN ARE GIVEN FOOTBALL NUMERALS

Recommendations of Coaches Approved By Athletic Council

Thirty-two freshmen were awarded football numerals recently by the athletic council which passed on recommendations made by the coaching staff. All who earned numerals are out for spring football practice.

Those who earned the recognition are:

Andrew Anderson, Kansas City; Howard Cleveland, Muscotah; Kenneth Conwell, Manhattan; Robert Douglas, Walton; Ray Ellis, Wichita; John Harrison, Alden; Frank Hund, Leavenworth; I. W. Hardman, Quinter; Orval Jacoby, Clyde; Mac Jensen, Leavenworth; Emil Kientz, Manhattan; Ed Klimeck, Manhattan; Clayton Matney, Larned; Duane Murphy, Sublette; Lester Pollom, Topeka; George Roots, Wamego; W. H. Rankin, Idana; Donald Reid, White City; W. S. Speer, Jr., Manhattan; George Shaw, Moscow; Bert Thompson, Manhattan; J. A. Stephens, Wichita;

John Tomkin, Colony; Edwin White, Scandia; Bill Wright, Kansas City; John Young, Centralia; John Crawley, Elkhart; G. Alan Dean, Waterville; J. R. Dukelow and J. S. Dukelow, both of Hutchinson; Donald Mossman, Manhattan; Howard Myers, Abilene, and Gerald Abbey, Eldorado.

PRaises VALUE OF CSEP TO STUDENTS, INSTITUTION

Dean R. A. Seaton Reports to State Director—Many Worthy Applicants Cannot Be Aided

College student employment project work has been satisfactory to both students and supervisors and has been of much value to the college. This was the conclusion of a recent seven-page detailed report on CSEP work made by Dean R. A. Seaton, chairman of the college emergency relief committee, to John Stutz, director of the Kansas emergency relief committee.

Although many worthy students have been aided in the past year, three to four times the available money would have been necessary to assist all needy and worthy applicants, even on the basis of \$15 a month each, Dean Seaton pointed out in the report. Because of the large number of applicants and the limited funds, selection of students was on a scholarship basis.

During the second semester of last year 231 students were given employment. During the first semester of the present school year 271 were employed and the total now is about the same.

GAMMA SIGMA DELTA ELECTS THIRTY-ONE NEW MEMBERS

Agricultural Society Honors Seniors and Three of Faculty

The Kansas State college chapter of Gamma Sigma Delta, honorary agricultural society, recently announced election to membership of 28 students and three faculty members. The organization elects approximately 15 per cent of the seniors in the divisions of agriculture and veterinary medicine and those majoring in closely related work; outstanding graduate students; and faculty members. Those elected:

Seniors: Division of agriculture—Albert Thornbrough, Lakin; Donald Cornelius, Wheaton; George Rogler, Matfield Green; Robert E. Phillips, Jr., Joplin, Mo.; Forest Wolf, Woodstock; Charles Murphey, Leoti; Leslie King, Wichita; Eugene Sundgren, Falun; George McColm, Emporia; Frank Parsons, Manhattan; and Gerald Simpson, Milton.

Division of veterinary medicine—Edgar Millenbruck, Herkimer; Oscar Fischer, Junction City; Donald Kelley, Great Bend; Joseph Knappenberger, Penabosa; Theodore Williams, Kansas City; Lawrence Donat, Verdigre, Nebr.; Herbert Fechner, Stanton, Nebr.; Joseph Cavanaugh, Esbon.

Department of agricultural engineering—Victor Hopeman, Independence.

Graduate students—Olive Falls, Hoxie, entomology; Walter Hulbert, Wichita, agricultural engineering; Alvin Lowe, Argonia, agronomy; John Kennard, Logan, Utah, animal husbandry; Donald Bowman, Manhattan, botany and plant pathology; Burton Baker, Perrinton, Mich., zoology; Ivan Pratt, Hope, zoology; Margaret Tabor, Marcellus, Mich., zoology.

Faculty members—Dr. Herman Farley, assistant professor of pathology; Dr. C. L. Lefebvre, assistant professor of botany; and Miss Florence Stebbins, assistant in genetics, department of zoology.

Prairie Printmaker Show Here

The annual exhibition of the work of the Prairie Printmakers opened in the department of architecture gallery last Monday and will be here for two weeks. Among the artists represented are Arthur and Norma Bassett Hall, Hershel Logan, John Helm, Birger Sandzen, William Dickerson, C. M. Capps, Mary Huntoon, Lloyd Foltz. Color block-prints have an important place in the showing.

Weber Judges at Frankfort

Prof. A. D. Weber of the animal husbandry department at Kansas State college was a judge of a vocational agricultural judging contest at Frankfort Saturday, April 6.

WALTZING GUINEA PIGS MUST SHARE ATTENTION

OTHERS OF THEIR FAMILY ALSO ATTRACT GENERAL INTEREST

Three Types of Allments Described by Herman L. Ibsen, Geneticist, in Recent Paper on Inheritance of Nervous Defects

Waltzing guinea pigs are among the more recent objects of general interest in the field of scientific observation on the campus. The waltzing "pigs" do not have all the spotlight, however, as they must share attention with the tremblers and more recently with the trembler-waltzers, all in the guinea pig family.

Trembling and waltzing guinea pigs were described in a recent paper on the inheritance of nervous defects in guinea pigs, prepared by Dr. H. L. Ibsen, professor of genetics.

Three such types of defects have occurred in the college laboratory during the past 18 years. In no case has any attempt been made to produce them. They are unique in that none of them have been known to occur elsewhere.

TWO ARE RECENT

Two of the defects, trembling and waltzing, have occurred comparatively recently and are inherited as recessive characters. When tremblers are mated to each other they produce nothing but tremblers. Similarly, waltzers produce nothing but waltzers. The entire body of tremblers shakes throughout the life of the animal except for brief periods when no motion is apparent.

Waltzers are highly excitable and tend to run in circles like the so-called waltzing mice. This continual running wears them down, retarding growth. Nothing is known as to the changes of structure which are responsible for the behavior of either waltzers or tremblers.

EXPLAINS HEREDITY

When waltzers are mated to tremblers all the offspring are normal. When offspring from the cross are mated, several types of individuals are produced. Besides normals, waltzers and tremblers, there is a new type, a trembler-waltzer which both waltzes and trembles. The trembling interferes so much with the waltzing that these animals are able to make better growth than are those which are only waltzers. When trembler-waltzers are mated all of their offspring are like themselves.

Congenital palsy, which appeared earlier than the tremblers and waltzers, causes the animal to lack nervous control. With care it can be made to stand, but a sudden noise like the clapping of hands causes it to fall on its side in a spasm. These animals die young, hence heredity has to be studied indirectly through normal individuals that have defective offspring. The defect is inherited as a recessive. There is evidence that the defective animal inherits an abnormally small parathyroid gland, and that the under-secretion from this gland causes palsy.

Officers Are Assigned

Lieutenant-Colonel John S. Sullivan has been assigned to duty at Camp Pike, Ark., as commanding officer of the C. M. T. C., July 29 to

August 21, according to orders from the commanding general of the seventh corps area. Other assignments of members of the military department here include: Captain L. R. Crews, to R. O. T. C. camp, Fort Sheridan, Ill., June 14 to July 26. Captain W. F. Rhem to the R. O. T. C. camp at Fort Leavenworth, June 9 to July 20. Non-commissioned officers of the department have been assigned to summer camps as follows: Sergeant C. D. McDonald to the R. O. T. C. camp at Fort Leavenworth, and Sergeant R. E. Wilson to the R. O. T. C. camp at Fort Sheridan, Ill.

CLOTHING DEPARTMENT HAS ADVISORY SERVICE

Mrs. and Miss Public Bring Dress Problems to Friday Afternoon Sessions

One of the most utilized of the home economics services this year is that offered by the department of clothing and textiles. Although all departments of the division are consulted, especially on Fridays from 3 to 5 o'clock, the hours set aside for the public, the clothes problem seems to bring the largest number into Calvin hall.

During Farm and Home week, one out-of-town woman of unusual proportions came in and was turned over to a student in advanced clothing courses. The student, advised by the faculty, worked out first in muslin a becoming silk afternoon dress. Faculty women appeal to this group for aid in fitting skirts and dresses. One now has a smart taffeta evening dress evolved from an uninteresting afternoon one—all because the division of home economics has these regular Friday afternoon consultation periods for the public.

TWO EXPERIMENTAL FIELDS FOR SOUTHWEST KANSAS

Will Be Located This Year—Soil Management and Crop Adaptation Will Be Studied

Two new agricultural experimental fields will be located in southwestern Kansas this summer in time to prepare soil and plant crops for 1936, Dean L. E. Call declared recently in discussing the \$7,000 appropriation for experimental fields made by the last legislature.

Dean Call, who is director of the agricultural experiment station, says the two new fields will be used as the other experimental fields are used—to study methods of soil management and crop adaptation. They will be conducted by the agronomy department of the experiment station. They will not be used primarily for soil erosion control experiments, he declared.

The \$7,000 appropriation was to enable the agricultural experiment station to supplement the outlying experimental work that the station is doing. The station now has four branch experiment stations in the western third of the state and nine experimental fields located in the eastern and south central part of the state. Fields have not been conducted in the north central and northwestern part of the state nor in southwestern Kansas.

PROGRESS OF KANSAS PRESS

F. E. C.

At least two newspapermen, George Eyer, editor of the Buffalo Blade, and Ned Davis, editor of the Elk City Sun, were elected mayor of their respective towns this spring.

The Augusta Daily Gazette, published and managed by Chester K. Shore, is doing its part in ridding the town of Augusta of the dandelion menace. In cooperation with one of the local theaters, the Gazette offers a free show to every boy and girl who digs up two gallons of dandelions and presents them at the theater.

Members of the Kiwanis club at Independence will cooperate in putting out the Independence Examiner on April 15. Arthur F. McKim, president of the club, will act as managing editor, and Hal Wheelock, secretary, will be city editor. Editorial writers, reporters, feature writers, office boys, and copy readers will be

chosen from among the club members.

One of the pioneer newspapermen of Kansas is A. W. Robinson, La Crosse, who recently celebrated his eighty-fourth birthday and his seventy-fourth year as an active printer-journalist. With his son, L. L. Robinson, and his grandson, L. L. Robinson, Jr., he edits and publishes the La Crosse Republican, a weekly paper. The elder Mr. Robinson started his journalistic career at the age of 10, when he stood on a chair to set type in the Topeka State Record office. Since that time he has published newspapers in Detroit, Marion Center, Winchester, Nortonville, Valley Falls, Cawker City, and La Crosse. He worked in the government printing office in Washington from 1892 to 1894. He bought the La Crosse Republican in 1907. His paper was judged the best weekly newspaper in the southwest trade section of the state in a contest in 1934.

DEFINES RELIGION AS LOYALTY TO HIGHEST

DR. L. HEKHUIS SEES NEW INTERPRETATION OF CHRISTIANITY

Forum Speaker Believes India Worthy of Investment of Best—Land To Be Cultivated and Appreciated

Uncompromising loyalty to the highest, was the way Dr. Lambertus Hekhuis defined religion in student forum Friday noon. His talk, "What College Does to One's Religion," was one of the Christian World Forum series which attracted an aggregate attendance estimated at several thousands.

After advancing his definition of religion, Doctor Hekhuis, who for 10 years was president of a college in India and now is head of the department of religious education and philosophy at Wichita university, then recognized the problem individuals face in deciding which is "the highest."

'COLLEGE CHANGES RELIGION'

"College life and a college education mean far more than a four-year accumulation of text books. Religion on a college campus undergoes changes for most of us. Our visions of God grow and develop," Doctor Hekhuis declared. "The challenge of a rapidly expanding horizon is always before us," he declared, "and we must continue to grow and choose the best."

Saturday forenoon in Recreation center, speaking on the subject "See India and Live," Doctor Hekhuis declared that a new interpretation of Christianity is coming out of India, which he termed "the cradle of religion."

"We must vision India as a great pyramid, socially," he said. "On the top are five castes which form a capstone. Underneath this capstone there are 2,400 layers of castes."

A LAND OF CONTRASTS

India, he pictured as a land of contrasts—an area half the size of the United States with a population three times as great, a land where the host must dismiss his guest to be polite, where the mission of a visitor is not stated until near the end of a visit and then at the request of the host.

The origin of names, betrothals, marriage scene, a funeral service, eating and drinking, all were pictured by the speaker from his intimate contact with institutions of India. The name of a son often includes that of his father, the name of the city in which he was born, and the name of a god.

A visit to a Hindu temple, a glimpse into a classroom where grades start at zero and range upward with 35 as passing, and where students speak good Shakespearean English, were only a few of many touches added by the speaker.

Mahatma Gandhi was described as "a man who has captivated the imaginations of millions in India."

Doctor Hekhuis sees an important place in the world for India, a land he believes "worthy of the investment of the best we have, a land to be cultivated, a land to be appreciated."

Riflemen Win Valley Meet

The Kansas State college rifle team, in a shoulder-to-shoulder match, won the Missouri Valley intercollegiate meet in Lincoln Saturday. The Kansas State team scored 1,347 points. University of Nebraska was second with 1,275; Iowa State third with 1,251, and Creighton university fourth with 1,197. William Stewart, Kansas City, Mo., a member of the Kansas State team with a 281, was high scoring individual.

Wrestlers to National A. A. U.

Kansas State wrestlers who did not attend the national collegiate tournament at Lehigh university will enter the national A. A. U. tournament this week-end in Oklahoma City. They are: E. C. Betz, 112 pounds; Forest Fansher, 135 pounds; David Dukelow, 155 pounds; L. A. Zerbe, 175 pounds; and another man yet to be selected.

Outdoor Track Season Opens

The outdoor track season will open Saturday for Coach Ward Haylett's team when the Emporia Teachers' track and field athletes come to Manhattan for a dual meet with the Wildcats.

THE KANSAS INDUSTRIALIST

Volume 61

Kansas State College of Agriculture and Applied Science, Manhattan, Wednesday, April 17, 1935

Number 27

CURRY PAINTING GOES TO COLLEGE COLLECTION

'SUN DOGS' WILL BE PRESENTED TO KANSAS STATE

Success of Public Subscription Campaign Announced This Week by Dr. R. C. Langford, Chairman of Special Committee

Kansas this week extended an olive branch to one of its best known sons, with announcement of the success of the campaign to raise funds for the purchase of "Sun Dogs," an oil painting by John Steuart Curry, to be presented to Kansas State college as part of its permanent art collection.

Announcement of the success of the campaign was made by Dr. R. C. Langford, chairman of the Curry painting fund committee. Other committee members were Dr. J. T. Willard, treasurer; Mrs. R. A. Seaton, Miss Margaret Ahlborn, Miss Amy Kelly, Miss Helen Hostetter, Mrs. S. M. Paddock, A. F. Peine, Colonel John Sullivan, Prof. W. H. Riddell, Ashley Monahan.

BOUGHT THROUGH FERARGIL

The painting was bought through the Ferargil gallery, New York City, which handles the work of Curry, Thomas Benton, and Grant Wood, the three mid-western artists whose work in portraying "the American scene" has been outstanding.

The price was not announced. It was explained that the painting is valued at \$1,200, but that the artist and the gallery had agreed to a substantial reduction because of the fact that the painting goes to a public collection in Curry's native state. Curry's mother and other members of the family have attended Kansas State. He is the son of Mr. and Mrs. Smith Curry, of Dunavant, Jefferson county.

FROM PUBLIC SUBSCRIPTION

Funds for the purchase were obtained entirely through public subscription of individuals and organizations, most of the money coming from faculty members, local business men, students, and women's groups. The painting has been on the campus since January 1, and is at present hung in Recreation center.

Considerable comment has been caused in the art world by the fact that Curry's paintings, which are in several well known collections, have not been purchased in his home state. The University of Nebraska has "Roadmender's Camp," but "Sun Dogs" is the first Curry painting to go into a public collection in Kansas. The oil, a winter scene, was painted on the Heart ranch, Barber county.

Maynard Walker of the Ferargil gallery said of it that Curry "has put into this canvas more of the loneliness and vastness of the prairie in winter than in anything else that has ever been painted. . . I am sure this picture will be tremendously famous some day."

MORE THAN 1,000 YOUTHS IN ANNUAL R. O. T. C. INSPECTION

Review of Troops and Investigation Will Be April 29 and 30

Annual inspection of the R. O. T. C. and military administration at the college will be April 29 and 30, according to Lieutenant-Colonel John S. Sullivan.

Over 1,000 students will take part in the affair which is divided into three phases consisting of review of the troops, classroom inspection, and inspection of the administration's books, records, papers, and store-room.

Investigation will be conducted by Colonel R. H. McMaster, R. O. T. C. officer of the seventh corps area, Omaha, Nebr., in conjunction with Major H. L. King, coast artillery corps, Topeka; Major A. J. McFarland, infantry, Wichita, and Major John Miner of the Ft. Riley veterinary corps.

Vocational Judging Soon

Approximately 500 Kansas young people are expected to participate in

the fifteenth annual State High School Vocational Agricultural Judging and Farm Mechanics contest here Monday and Tuesday, April 29 and 30. Contestants will be ranked on a basis of their proficiency in judging beef cattle, horses, hogs, and sheep, dairy cattle, grain, and poultry. They will be judged also on the basis of their proficiency in judging each of the groups separately. The seventh annual program of the Kansas Association of Future Farmers of America will be held in conjunction with the meeting.

LADY OF GODEY'S TO BE FACULTY DINNER THEME

Famous Editor of Century Ago Honored in Annual A. A. U. W. Sponsored Affair

A feminism that was perfumed and graceful—that of Mrs. Sarah Josepha Hale, for 40 years editor of Godey's Lady's Book—is to be celebrated in this year's faculty dinner, at Thompson hall, May 1. All faculty members, their wives, all members of A. A. U. W. and their husbands are invited.

This Mrs. Hale, who caused Thanksgiving day to become a national holiday, who through the subtle, lady-like propaganda put across many a reform in her publication, will be the theme of the short toast list. Helen Elcock, of the English department, will be toastmistress. Those on the toast list will be Mrs. F. C. Fenton speaking on "Mrs. Hale—Maid, Wife, and Mother"; Helen Hostetter, on "The Lady Editress"; and Prof. R. W. Conover on "To the Ladies." Mrs. E. L. Holton will give a brief "foreword" about the history of the Kansas State college faculty dinner.

Hand colored Godey ladies will adorn each program. Hilda Grossmann will sing two popular songs first published in Godey's Lady's Book: "Kathleen Mavourneen" and "Bendernere Stream." Mary Elizabeth Guthrie will play two harp selections of that mid-nineteenth century period. Ticket sale for the dinner closes April 29.

The committee in charge of the dinner is Mrs. R. W. Conover, Mrs. Wendell Beals, Dorothy Barfoot, Helen Elcock, Mrs. E. L. Holton, Mrs. Laura Baxter.

LEGEND OF JUDAS LIVES AGAIN IN ONE-ACT PLAY

Moving Drama, String Trio, Quartet, Glee Club Provide Program for Easter Assembly

The legend that Judas Iscariot returns to earth once a year to atone in some measure for his betrayal of his Lord is basis of the one-act play, "Dust of the Road," which was enacted Wednesday, April 17, for student assembly. The scene was the home of a man struggling with the temptation to embezzle money, that man's part being taken by Kenneth Johnson, Newton. His wife, Prudence, was played by Mary Clare Dixon, Junction City; the tramp, Judas' re-incarnated self, was Thaine Engle, Abilene; and the uncle, Francis Blaes, Abilene.

The college glee club, a men's quartet, and a string trio provided the music for this Easter chapel. The glee club, directed by Prof. Edwin Sayre, sang Gretchaninoff's "Cherubim Song." The first movement of Beethoven's "String Trio, Op. 3," was played by a string trio; George Henry, of the faculty, cellist; James Bowles, Oberlin, violist; Glen Farrar, Wichita, violinist. Buleigh's "Were You There?" was sung by Vernon Rector, Topeka, Ed Hyatt, Wichita, Lloyd Mordy, Derby, and Irl Yeo, Ellsworth, accompanied by Don Engle, Manhattan.

The assembly was sponsored by the campus Christian associations.

U. S. D. A. Man Inspects

Henry M. Steece of the U. S. D. A. office of the experiment station made his annual inspection trip to the campus this week.

HOSPITALITY WEEK WILL HAVE CONSUMER THEME

AMUSING SKITS TO SHOW WHAT TO CONSIDER IN BUYING

Exhibits, Tours, Teas, Contests, Evening Dance Program Showing World History, Included to Inform, Entertain High School Girls

The fifth annual hospitality week of the home economics division will be Friday and Saturday, May 3 and 4. "Let the Buyer Be Wise" is to be this year's theme. Exhibits in each department will be planned to meet consumer needs—to inform the high school girl visitors, future heads of homes, as to how to spend their money wisely.

Contests for the visiting girls, teas, a banquet, tours of the home economics buildings and of the campus in general, exhibits, programs will as usual make up the two days' schedule.

THE DANCE A MEDIUM

The history of the world from the days of the cave man to the present will be presented through the medium of the dance Friday evening in the college auditorium. Orchestras, honorary dance organization, will have the entire evening's program. They are being coached by Miss Janet Wood of the physical education department. The dance cycle will include numbers representing primitive strength, Greek culture, medieval learning transmitted by the church, the Renaissance period with its folk dances and its court formality, nineteenth century romanticism, and the restless present.

The afternoon program both Friday and Saturday will be of amusing skits illustrating good "buymanship."

TO ACQUAINT PUBLIC

Hospitality week is a project to acquaint the public with the work of the division and to give Kansas State students of the division experience in organizing and managing such a project. Marion Buck, Abilene, is in general charge of the two days' activities, with Jo Elizabeth Miller, Manhattan, her chief assistant. Committee chairmen are: Elizabeth Pittman, Fergus, Mont., budget; Margaret Turner, Hartford, contests; Wilma Cowdery, Lyons, decorations; Mildred Kratochvil, Manhattan, exhibits; Georgia Meece, Hutchinson, meals; Althea Keller, Enterprise, program; Mary Lee Shannon, Geneseo, publicity; Edith McDaniel, Edson, registration; Lenore Converse, Harveyville, teas; and Ruth Jorgenson, Manhattan, president of the Home Economics club, general assistant.

MEAT DEALERS 'ON THE SPOT,' WEST WRITES FOR MAGAZINE

Staff Member Says Housewives Are Better Informed Today

Mrs. Bessie Brooks West, head of the department of institutional economics at Kansas State college, is the author of an article in the April 1 issue of "The Meat Dealer and Butcher's and Packer's Gazette," a magazine of the meat industry published in Chicago.

In the article, "Meat Dealers are Being Put 'On the Spot,'" Mrs. West explains that housewives are better informed about meats and more keenly interested in what their money buys than ever before. She advises meat dealers to keep clean, attractive shops, radiate an atmosphere of friendliness and helpfulness and instill confidence in the minds of patrons if they are to develop profitable businesses.

The article is based on observations Mrs. West made in the markets of three cities.

PLANS BEING DISCUSSED FOR STUDENT UNION ON CAMPUS

Council Now Drafting Constitution for Proposed Organization

Plans are being discussed for the organization of a Student Union on the Kansas State college campus, according to Joe Knappenberger, president of the Student Governing asso-

ciation. The organization is to be similar to student union organizations on the campuses of many colleges and universities. Those interested in the project hope Kansas State will be able to have a Student Union building within a few years.

Work on plans for the organization has been in progress for some time by the student council and faculty council. The proposed building would include recreation rooms, offices of all college publications, club rooms for all college organizations, a dance hall for student varsities, and a confectionery and soft drink stand.

The student council is now drafting a constitution for the proposed organization.

'FUNCTIONAL ACTIVITY OF BRAIN,' IN SIGMA XI TALK

Dr. K. S. Lashley of Chicago University Explains Reorganization After Injuries

More than 250 persons heard Dr. K. S. Lashley, of the Chicago university, discuss "Functional Reorganization After Brain Injuries" in an address before Sigma Xi, honorary science fraternity, Friday night in Recreation center. The illustrated lecture, open to the public, followed a banquet and initiation ceremony for 18 newly elected members of the organization.

Doctor Lashley who is well known as a neurologist, geneticist, and psychologist, and who recently was appointed head of the department of psychology at Harvard university, talked on a subject with which he has been experimenting more than 20 years. Lantern slides enabled him to illustrate many of the experiments.

Doctor Lashley told his audience that nerves from behind cells are localized, and if part of the nerve remains when injury occurs, it will then act as the whole. He cited as an example a case where twenty-three twenty-fourths of the cortical area of the brain pertaining to vision was removed, and yet the patient could see.

The activity and changeability of the brain was illustrated by the case of a monkey partly paralyzed on one side of its body. Experimenters bound his good side and kept it from use. The monkey regained use of his injured side in less than four weeks because he was forced to use it.

FRIENDS OF ART TO MEET AFTERNOON OF APRIL 30

Acquisitions for College Collection During Past Year Will Be Displayed at Annual Meeting

Annual meeting of the Friends of Art group will be at 4 o'clock the afternoon of Tuesday, April 30, in Recreation center. It was decided at a meeting of the executive committee Monday afternoon. Those members who joined the group last year, and new members who pay their dues before or at the time of the meeting, are eligible to participate.

The gift print of the group for 1935 will be a wood engraving by Herschel Logan of Salina, one of the state's best artists in that medium. One of Mr. Logan's prints, "On Fifth Street," has been bought by the group for the college collection. Several of his prints are in private and public collections in the middle west. It is planned to have the print matted ready for framing, as was that of last year.

Acquisitions of the society for the college collection during the past year will be displayed at the meeting.

Additions to the college collection through the gift of the Public Works of Art Project also will be displayed. Many of these were framed by the Friends of Art.

A report on the work of the Curry painting fund committee will be made, as will the usual reports of officers of the group. Officers of the society and members of the executive committee will be elected for the coming year.

PEINE, HILL, MISS WOLF ON 'PATHWAYS TO PEACE'

URGE REALISTIC STUDY OF PAST WARS, CAUSES, RESULTS

'Decry Jingoistic Nationalism—Social and Economic Equilibrium Necessary for Nation to Escape Rule by Super-Egoists Like Hitler'

"Pathways to Peace" was the theme of the morning student assembly last Friday, by which Kansas State college joined in the day's nation-wide protest against war. The speakers were Arthur Peine, once professor of history here and now manager of the Perry Packing company, Dr. Howard T. Hill, head of the department of public speaking, and Winifred Wolf, senior.

Mr. Peine showed how we have failed to prepare the world for peace. World ideas as to patriotism and as to past wars must be revised if peace is to prevail, he declared. So far, there has never been an honest, realistic study of past wars to evaluate their objectives, or their results. Ideas of national honor are as artificial and out-of-date as are the old individual ideas of honor among duelists.

SOCIAL EQUILIBRIUM AN AID

Social equilibrium and greater uniformity of living standards must come to a country to prevent its becoming prey to super-egoists like Hitler and Mussolini, he showed. The hue and cry against munitions makers he branded as witch-hunting, sure to fail like other simple panaceas for the war evil. The war system is intricately enmeshed in our social organization, not in just one industry. There is no simple formula for peace.

The resurgence of the war spirit in Germany, he pointed out, came inevitably because that country was denied an outlet for her goods.

For America to keep out of another war is not enough, because economically neutral countries suffer with the rest. "If we had remained neutral in the World war, the economic backwash here would not have been much different." The World court and the League of Nations he still believed in as a step in the right direction, though they have not checked the rising tide of nationalism.

He approved Baruch's recommendations that protection of Americans abroad and of American shipping be withdrawn in war times, and also that floating of foreign bonds in war time be forbidden.

SEES NEED OF LIBERALISM

Doctor Hill advocated educating people as to the complicated causes of wars, having low tariff walls and reciprocal trade agreements. He decried the jingoistic nationalism of the day. A higher regard for common-sense liberalism in our churches, lodges, schools—an open-minded attitude to other views—he declared would help to make the world safe for peace. At present free speech and press are not realities in the United States, and idealists are harshly dealt with.

"When a war is in prospect, stop and ask 'Will we be better off economically, socially, educationally for going in?' Normal selfishness will accomplish more good than unstudied idealism."

Winifred Wolf, Ottawa, past president of the Y. W. C. A., concluded the peace assembly with an appeal to the students to be an active group in the peace movement.

Joe Knappenberger, Penasola, president of S. G. A., was chairman of the meeting.

Millers Here Saturday

Several members of the Kansas State college staff, including Dean L. E. Call, Prof. A. L. Clapp, Prof. Linn Helander, Dr. R. T. Cotton, R. O. Pence, and Dr. C. O. Swanson, will appear on the program of the joint meeting of the Association of Operative Millers in Manhattan Saturday of this week. The all-day program will start at 8 o'clock.

The KANSAS INDUSTRIALIST

Established April 24, 1875

F. D. FARRILL, President..... Editor-in-Chief
F. E. CHARLES..... Managing Editor
R. I. THACKREY, H. P. HOSTETTER,
RALPH LASHBROOK..... Assoc. Editors
KENNETH L. FORD..... ALUMNI EDITOR

Published weekly during the college year by the Kansas State College of Agriculture and Applied Science, Manhattan, Kansas.

Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. C. E. Rogers is head.

The price of THE KANSAS INDUSTRIALIST is \$3 a year, payable in advance.

Entered at the postoffice, Manhattan, Kansas, as second-class matter October 27, 1918. Act of July 16, 1894.

Make checks and drafts payable to the K. S. C. Alumni association, Manhattan. Subscriptions for all alumni and former students, \$3 a year; life subscriptions, \$50 cash or in installments. Membership in alumni association included.



WEDNESDAY, APRIL 17, 1935

WHITHER FRATERNITIES?

What's to become of college fraternities? Will they continue as a phenomenon of university life in America? If so, will there be some metamorphosis? Having met real needs in college life in their earlier years, will fraternities vanish when some of those needs disappear?

These questions, asked in many universities east of the Mississippi during the last few years, have this year begun to be asked on our own campus—by some with apprehension, by others merely with speculative curiosity.

A combination of financial troubles due to the depression and of ambitious student housing programs have combined to threaten their existence in many schools. At Yale last fall numerous fraternity changes were made, together with announcements that fraternities must adapt themselves to new conditions if they are to survive.

Attractive and comfortable student houses are going up at Chicago, Minnesota, Harvard, Cornell, California Institute of Technology, which are seriously competing with the fraternities. These new student housing programs, it appears, are not a contributing cause to the decline of the Greeks, but rather an inevitable result of needs which the fraternity did not meet.

In Syracuse, four organizations disappeared in the last three years. In Swarthmore the depression merely hastened action, as dissatisfaction with the Greek letter organizations had for some time been evident. There six women's organizations were abandoned; 15 prominent men in fraternities resigned to join the non-fraternity group which had become so well organized that many of the social benefits formerly to be had only within a fraternity were also offered there. Two-thirds of the freshmen this year in Swarthmore have elected to stay outside the Greek letter.

Seeking better purposes for fraternities, the National Student Federation is making a nation wide survey. Meanwhile, some of the Greeks have begun to seek new ground on which to stand.

With four men's dormitories and one additional women's dormitory tentatively proposed in the 20-year plan for Kansas State college, the Greeks here also are considering their future. Those five new dormitories, of course, envisage increased enrolment in the college. There is nothing inherent within them to threaten fraternities which have a vigorous, meaningful program. The challenge is outside and beyond them.

BOOKS

Our Oldest Inhabitants

"Tree Ancestors." By E. W. Berry, professor of paleontology, Johns Hopkins. Williams and Wilkins, Baltimore. 1923. \$3.

Human pride of ancestry seems puerile when measured by the tree pedigrees recorded in Berry's "Tree Ancestors." Certain tree groups have left records of their existence on earth for more millions of years than the genus homo can count millenniums.

After a brief review of the geo-

logical history of North America, the author presents the paleological evidence which supports the claim of 19 species, or groups of closely related species, of present day trees to prodigious persistence as living organisms.

The story of each of these species is interesting but none surpasses the bald cypress in its dramatic sweep. Beginning with the Eocene or oldest epoch of the Tertiary period this species has maintained its foothold through tremendous convulsions of the earth's crust and destructive climatic changes. It has lived through the rise of the Cordilleras, the Pyrenees, Alps, Andes, and Rocky Mountain ranges, and the elevation of the continents, ending the era of humid tropics and through the ever changing rigors of the recent ice age and the appearance of man. During the Eocene epoch the bald cypress grew in Alaska, Siberia, and Greenland, and reached its maximum range during the next geological age—the Miocene. At present this tree is practically confined to coastal plains of North America and is retreating before the assaults of the lumberman.

There is a fascination in seeing and reading about tree species, living individuals of which have seen the whole rise of man's modern civilization and whose direct ancestors provided shade and food for the monsters of the reptile age when Kansas was covered by a vast sea extending from Alaska to the Gulf of Mexico.

Although mainly so, the book is not wholly historical; the author does not hesitate to express his emotions regarding the trees or his philosophy of tree conservation and protection. This book is recommended to readers having a scientific interest in forest trees and to lovers of nature in general. It is authentic, well written, and stimulating.—R. J. Barnett.

CORRECTORS OF THE PRESS

Probably in no sphere of industrial activity has the introduction of machinery in substitution for hand labor been more marked than in printing, and yet throughout all the changes the services of the proof-reader—or, to give him his ancient and accurate title, the Corrector of the Press—have always been essential, and his work has varied but little during the passing of the years.

It is still human to err, and so long as authors and compositors inherit that human frailty so long will it be necessary for correctors to be employed in newspaper and other printing offices to detect slips in grammatical construction; rectify mistakes in spelling, punctuation, or in omission of words; decide questions of style and typography; and even sometimes to query statements on matters of fact. To the layman it is incomprehensible that any mistakes should appear in printed matter; to the initiated it is a source of wonder that there are so few. The former bases his conclusions upon the finished product, knowing little of the difficulties under which a newspaper or book is produced; but those intimately concerned in the actual production are able fully to appreciate the innumerable opportunities that occur for errors to evade even the watchful and trained eye of the corrector.—From the 150th anniversary edition of The London Times.

BLESSINGS ON THEE, MR. CLARK

For press purposes it is essential that information regarding the proceedings day by day shall be available at a glance. . . at the Pittsburgh meeting there were in attendance no less than 16 press representatives from other cities, 10 of whom were members of the National Association of Science Writers, and 10 from the Pittsburgh papers and local offices of press associations.

Such marked attention on the part of the press places upon the association a grave responsibility. The meetings of the association form the chief medium through which the general public learns of the advance of science as a whole. We must make every endeavor for our own good to increase largely the proportion of papers made available to the press, and to see to it that all vice-presidential addresses and general sessions papers are submitted as long in advance as possible.

We must all work together in order that the press may have an abundance of suitable material to present to the public. Let us do all we can to assist the press in its effort to give

the people an adequate and accurate picture of the progress of science as it is brought out at our meetings.—Austin H. Clark in Science.

IN OLDER DAYS

From the files of The Industrialist

TEN YEARS AGO

When the Kansas Academy of Science met in Manhattan it elected Dr. J. E. Ackert of the zoology department president for the ensuing year.

Robert Hedburg, Aggie debater who made a trip to the west coast, placed first both in the oratorical

spring. Those to receive certificates: Alice Williams, Sylvan Grove; Ernest Stewart, Morganville; Donald Thayer, George E. Kennedy, and E. H. Patterson, Manhattan; William D. Sculley, Belvue.

THIRTY YEARS AGO

Ten runners competed in the second cross-country run. Courter, a senior, was first.

William A. McKeever, professor of psychology at the college, was making a study of the smoking habit among boys and young men. He be-

Rural Adults Want to Learn

C. S. Anderson in the Journal of Education

Leaders in adult education recognize that many of their greatest problems are to be found in rural areas. Illiteracy throughout the world is more a problem of the country than of the city. Rural isolation creates great difficulties for all forms of education. The majority of the people of the world and of this country are rural. If not actually living by farming they are employed in rural areas and in pursuits closely related to agriculture. Last year it was estimated that adult classes were available to less than four-tenths of 1 per cent of the rural adult population of the United States. Plainly the opportunities for effective, systematic adult instruction in rural communities are not abundant.

According to Schmidt and Ross, we have had an entirely wrong attitude toward rural adults, particularly the farmer and the farmer's wife, in regard to their learning abilities and to their educational needs. We have assumed that these adults have no problems capable of solution in school, that they have no needs for school instruction, that they are not receptive to instruction, and that they will not come to school. Too often our attitude toward rural adults has been a negative one.

It is a fact, however, that farmers read, they go to church, they listen to the radio, they attend lectures, Grange, public meetings, and many educational gatherings. As a group they are eager to learn and are found to be generally receptive to educational leadership.

There are two major reasons why the public schools are at present not able to assume more of the responsibility for promoting adult education in rural communities. First, they do not have sufficient trained leadership among their teachers to take the responsibility for the problem; and, second, existing financial resources are inadequate. The communities must have their personnel and resources supplemented by outside sources in order to carry on reasonably adequate adult education programs. In agriculture and home-making there is a national plan for rural adult education, supported in part by state and federal funds. In these two branches of rural education the greatest progress has been made in promoting effective adult education programs.

For the most part the adults who seek help through part-time or evening classes desire vocational training. They want to know how they can earn a better living at their chosen vocation. The farmer wants to know how to become a more efficient farmer and his wife wants to know how to more effectively manage her household.

contest and the extempore speaking contest at the Pi Kappa Delta convention at Los Angeles.

For 22 years Prof. J. E. Kammerer had been chairman of the public exercises committee at the college. He believed K. S. C. had the largest non-compulsory chapel attendance in the country.

That characteristics of lower and higher animals, including man, follow the same laws of inheritance was the conclusion reached by Dr. R. K. Nabours, head of the department of zoology, after 15 years of experimental work. Doctor Nabours compared inherited characters in pairs of grasshoppers more than 1,000,000 times.

TWENTY YEARS AGO

The four classes planned to build a concrete "K" on the west slope of Prospect. The "K" was to be 60 by 75 feet in size, according to H. H. Coxen of Eskridge, student chairman of the project.

A story in THE INDUSTRIALIST predicted: "Two generations from now grandmothers, instead of fox trotting and doing the other things in which modern cartoonists portray them, will be sitting in big arm chairs knitting." The old-fashioned occupation was revived in an elective course for senior girls in home economics.

One girl and five boys constituted the first graduating class in the school of agriculture at the college. The school planned to hold its own commencement exercises in the

lieved the average youth thoroughly addicted to the smoking habit could give up tobacco only if given strong outside assistance. Religious conversation and falling in love were the two leading antidotes recorded so far in the survey.

FORTY YEARS AGO

Ruth Stokes, '92, was elected president of the Manhattan Epworth league.

Four book stores carried advertisements in THE INDUSTRIALIST: Fox's, R. E. Lofinck, Varney's, and Leslie Smith.

A bulletin of the United States department of agriculture urged use of wide wagon tires as a protection to public highways.

The new cadet uniform was a blue blouse and cap and gray trousers. Two hundred of the uniforms were ordered through Elliot and Garrettson, local clothiers.

FIFTY YEARS AGO

The college faculty: George T. Fairchild, president and professor of logic and political economy; Edward M. Shelton, professor of agriculture and superintendent of farm; George H. Failyer, professor of chemistry and physics; Edwin A. Popenoe, professor of horticulture and entomology, superintendent of orchards and gardens; William A. Kellerman, professor of botany and zoology; Benjamin F. Nihart, professor of mechanics and engineering; David E. Lantz, professor of mathematics;

Lieutenant William J. Nicholson, professor of military science and tactics; John D. Walters, instructor in industrial drawing; William H. Cowles, instructor in English and history, librarian; Ira D. Graham, superintendent of telegraphy, secretary; George F. Thompson, superintendent of printing; Mrs. Nellie S. Kedzie, teacher of household economy and hygiene; Timothy T. Hawkes, superintendent of workshops; Mrs. Elida E. Winchip, superintendent of sewing; William L. Hofer, teacher of instrumental music; and Julius T. Willard, assistant in chemistry.

COOL TOMBS

Carl Sandburg

When Abraham Lincoln was shoveled into the tombs he forgot the copperheads and the assassin . . . in the dust, in the cool tombs.

When Ulysses Grant lost all thought of con men and Wall Street, cash and collateral turned ashes . . . in the dust, in the cool tombs.

Pocahontas' body, lovely as a poplar, sweet as a red haw in November or a pawpaw in May, did she wonder? does she remember? . . . in the dust, in the cool tombs?

Take any streetful of people buying clothes and groceries, cheering a hero or throwing confetti and blowing tin horns . . . tell me if the lovers are losers . . . tell me if any get more than the lovers . . . in the dust . . . in the cool tombs.

SUNFLOWERS

H. W. D.

PAR AND PERMANENTS

The American citizen who can talk about nothing except his disastrous attempts to shoot par golf and the American citizeness who can prattle of nothing except her failure to get a satisfactory permanent are—to my weak mind—lucky, at that.

Yet they are invariably mournful. They growl at their golf and their beautification as if to be frustrated in these worthy ambitions is the unkindest fate that can possibly be dealt them.

Citizen and citizeness should not—it seems to me—be querulous or "touchy" about not hitting par—either on the links or in the kinks. They ought to be happy, even though they can't attain the unattainable. Golf and hairdressing are not primarily sports—they are subjects for endless conversation. If citizen and citizeness get so they can talk forever and without respite on these topics, they ought to figure they have secured their money's worth—and then some.

If it were not for golf and hairdressing Mr. and Mrs. America might have to chatter about paying interest on our gorgeous national debt, or the line-up of the next war, or relief from relief, or tendencies in contemporary American fiction if any, or midwestern art, or blind flying, or new thought and organized religion, or the depravity of the middle-aged, or something.

My experience has been that people who bestir themselves and finally find worthwhile things to talk about are invariably regretful—and very, very lonesome. They have so much trouble locating anybody who will listen that they wear out, slip into early decay or melancholy, and stagger off into a cynic's grave long before they are old enough to grab off any of the New Deal's social security.

No sir and no mam! I think Mr. and Mrs. Public are doing exactly right in taking up something harmless, like shooting par or getting beautified and devoting the rest of their oral composition exclusively to it. It should keep them happy, get them in with the least troublesome bridge players, and save them from heavier conversation that might shatter their intellects.

In addition, as I intimated, they are saved a lot of futile worry about what our grandchildren are going to think of us for relieving ourselves at such terrible expense to them—and many other things equally lugubrious.

So I say, Citizen and Citizeness, be happy that you can talk nothing but golf or tonsorial pulchritude. For, talking either of them, you don't have to think anything else. And not having to think anything else, you can be more or less blissful.

LOOKING AROUND

KENNEY L. FORD

It was a real treat for the alumni secretary to visit many Kansas Aggies living in the south. The general plan of the trip was to drive during the day, visit individual alumni along the route, and hold alumni meetings in some city each night. At the night meetings motion pictures were shown of the Kansas State-Nebraska football game and "Scenes at Kansas State."

Leaving Manhattan Wednesday, March 20, a stop at Winfield for lunch gave us an opportunity to see Jim Albright, '22. Mr. Albright is manager of the farms owned by the Albright Mortgage company.

At Ponca City, Okla., we found J. H. Johnson, '05, insurance manager for the Continental Oil company. Mr. Johnson spends a great deal of his time traveling on adjustment business.

The first alumni meeting of the trip was at Stillwater, Okla., and was enjoyed by alumni who are on the faculty of Oklahoma A. and M. college. The following attended the dinner meeting at the college cafeteria:

A. C. Cobb, '88, shop foreman, and Mrs. Cobb, 223 Washington; Leslie E. Hazen, '06, head of agricultural engineering, and Mrs. Hazen; W. B. Gernert, '07, associate professor of forage crops; Earl F. Burk, '22, horticulture department, and Mrs. Burk; Grace Steininger, '25, Veda Skillin, '28, Mary Frances Reed, '28, and Anna Mae Johnson, '23, of the home economics division; R. E. Whitehead, M. S. '24, of the entomology department; and Mr. and Mrs. A. O. Martin. Mr. Martin is secretary of the former students' association of Oklahoma A. and M. Professor Hazen was in charge of the meeting.

The following morning we saw C. M. Leonard, '24, assistant professor and instructors Harry L. Kent, M. S. '31, and Rolla E. Venn, '27, all of the mechanical engineering department of Oklahoma A. and M.

Driving through Guthrie, Okla., we called at the home of Robert E. Terrell, '16. Mr. Terrell operates a dairy and creamery business.

A short visit over the telephone with Major Harry B. Gilstrap, '91, revealed that he was convalescing from a recent illness. Major Gilstrap is director of the United States veterans' bureau office in Oklahoma. He is president of the Kansas State college alumni club in Oklahoma City.

Walking into the office of the secretary of the chamber of commerce at Ardmore, Okla., we found the secretary, George C. Gibbons, '18, visiting with former governor W. H. "Alfalfa Bill" Murray. Gibbons has been secretary of the Ardmore chamber seven years.

Hurrying on to Dallas, Tex., we attended an enjoyable alumni meeting at the C. C. (f. s. '22) and Vera (Samuel) McPherson, '19, home. An account of this meeting appeared in THE KANSAS INDUSTRIALIST of April 3.

The following night, March 22, an alumni meeting was held at Houston, Tex., in the engineering building of Rice institute with Ralph H. Peters, '24, as chairman. The following were present:

Alta Barger, '29, teacher in Edison junior high school, 3108 Caroline; V. O. Clements, '24, sales engineer of Westinghouse Electric company, and Sylvia (Shields) Clements, f. s. 2435 McDuffie; Earl J. Evans, '07, sales representative of American Sash and Door company, 2021 Cleburne; Walter A. Brinkman, f. s. '26, ranch man, DeVault, John M. Miller, '22, instructor in engineering drawing, Rice institute; Ralph H. Peters, '24, engineer with Southwestern Bell Telephone company, and Marjorie (O'Neil) Peters, f. s. 3516 Tangley; J. E. Bixby, f. s. clerk of Federal Land bank, 4119 Stanford; Norman D. Lund, '22, engineer with Texas Company Refinery, 2127 Eleventh street, Port Arthur; and August Balzer, '26, assistant entomologist of Texas agricultural substation number 4, Beaumont, Tex.

We had a telephone visit with Willis M. and Sarah (Cottrell) Wright, '87 and '94, of Welsh, La. The Wrights operate 160 acres of diversified farming. Twenty-six people are living on this farm.

Only a few couples attended the New Orleans dinner meeting, but it was a happy occasion and unique in that none of the New Orleans families had met before. The following were present:

Ted DeVinne Beach, M. S. '32, and Mildred (Matter) Beach, f. s. 1430 Tulane avenue. Mr. Beach is with the Tulane medical school in the department of tropical medicine. James M. McArthur, '15, and Ruth (Wilson) McArthur, 922 Adams street. Mr. McArthur is supervisor of nature study and gardening in the public schools. Irwin K. McWilliams, '26, and Frankie (Johnson) McWilliams, f. s. 225-A customs house. McWilliams is aeronautical instructor for the bureau of air commerce, United States department of commerce. William and Bernice (Noble) Rankin, '25, U. S. Marines hospital. Mr. Rankin is consulting engineer with the U. S. treasury department.

A movement was started to organize a state association of Kansas State alumni in Louisiana. It was suggested that an alumni meeting could be held in New Orleans or Baton Rouge at the time of the annual Louisiana State university-Tulane football game. Officers elected were: William Rankin, '25, president; Irwin K. McWilliams, '26, vice-president; and Bernice (Noble) Rankin, '25, secretary-treasurer.

Following the meeting, the McArthurs took the Fords to the New Orleans spring flower show in the municipal auditorium. Mr. McArthur had charge of the school exhibits at the show. A \$10,000 orchid display will not soon be forgotten. The following day Mr. and Mrs. Beach led a sightseeing expedition through the old French quarter. Ted and Mildred live in an attractive attic apartment in the quarter that is reached by climbing four flights of steep stairs. Coming up the last flight one can see the appropriate name of the apartment "Awl Inn." Finally, the Rankins took us in tow for a trip through the old cemetery and other points of interest.

The Baton Rouge meeting was held in the Armory on the Louisiana State university campus at 9 o'clock Monday morning. The following were out to see the motion pictures:

R. H. Lush, '21, with dairy experiment station, and Dorothy (Brown) Lush, former instructor at Kansas State, 1733 Perkins road; C. R. F. Smith, '22, with journalism department; Charles B. Pitman, '10; Thurza (Pitman) Goodrich, '16, 1918 America street; R. L. Mobley, alumni secretary of Louisiana State university; T. F. Heard, J. B. Whitewater, E. B. Moore, Paul Marx, Ben Enis, and "Spike" Nelson, of the athletic department of the Louisiana State university.

We later visited Hazel A. Baker, '13, who was teaching a class in clothing and textiles while the pictures were being shown.

At Jackson, Miss., we had a fine visit with Hunter H. and Effie Jane (Mulford) Kimball, '12, Dr. C. R. O'Neal, '16, state veterinarian, and Myra May (Munger) O'Neal, '12.

Mrs. Kimball received regrets from the following who were unable to attend:

Alvin K. and Florence (True) Banman, '24. Mr. Banman teaches agricultural subjects at the Bennett academy at Mathiston, Miss. H. S. Hollingsworth, M. S. '32, Kosciusko, Miss. Lewis E. Long, M. S. '23, research economist at the experiment station of the State College of Mississippi located at State College, Miss.

At Birmingham, Ala., we found Mr. and Mrs. Henry Sidorsky, '03. Sidorsky is with the Alabama Power company. The Sidorskys have two children who plan to enrol at Kansas State next fall.

Glen W. McCracken, '19, was busy preparing material for a rate case for the Birmingham Electrical company. He has been an electrical engineer with this company since 1926. The McCrackens have three children.

The following evening was spent at the home of Fred B. and Verral (Craven) Wenn, '15, in Atlanta, Ga. Mr. Wenn is on the engineering faculty of Georgia Tech. Glenn I. Johnson, '28, extension agricultural engineer, College of Agriculture, Athens, Ga., also was present at the Wenn home.

We followed Frank Van Haltern, '18, for a half day before we located him in a field of the agricultural experimental station at Tifton. Van Haltern, '18, is doing some valuable work in vegetable growing. His home is at Griffin.

Our meeting at the John M. Scott, '03, home in Gainesville, Fla., Thursday evening, March 28, was a happy affair. The following were present:

H. L. Sebring, '23, circuit judge eighth judicial circuit of Florida, and Elsie (Bishop) Sebring; D. A. Sanders, '23, veterinarian, Florida experiment station, and Grace (Schwandt) Sanders, '23; John M. Scott, '03, chief milk inspector of state department of agriculture, and Mary (O'Daniel) Scott, '04; Fred H. Hull, '26, associate agronomist (crop breeding) Florida experiment station, and Margaret (Lush) Hull, f. s. '19, and their son, Marcus; K. H. Graham, business manager of University of Florida; John R. Davis, editor of Lake City (Fla.) Reporter; William M. Lamont, Curtis Publishing company, Jacksonville, Fla.; and Frank S. Wright, director of publicity and secretary of the alumni association of the University of Florida.

Regrets were received from F. W. Ames, '94, Loughman, Fla., and "Cap" W. H. and Hattie (Gale) Sanders, '90 and '87, Bell, Fla. The Gainesville K-Aggies were happy over the fact that Brady Cowell, '22, had just been appointed head coach at the junior college at DeLand, Fla.

The Kansas Aggies in Tampa, Fla., held a most successful meeting Friday evening, March 29. A Spanish dinner in Ybor City was followed by a night meeting at the Rushton G.

Cortelyou home with the following present:

Rushton G. Cortelyou, '27, auditor for the Maas Brothers, Inc., and Margaret (Manley) Cortelyou, f. s. '28, 2102 Deku avenue; William C. Kerr, '24, agent for Prudential Insurance company, and Mrs. Kerr, 1718 Hills avenue; L. E. and Elizabeth (Hargrave) Baldwin, '21 and '17, 5212 Tenth avenue N., St. Petersburg, Fla. Mr. Baldwin is engineer of the utilities department of the city of St. Petersburg. K. O. and Ethel (Oatman) Peters, '29, 2911 First avenue S., St. Petersburg, Fla. Mr. Peters is district engineer for Florida Power corporation. Nellie G. Arbutnot, f. s. '31, Winter Haven, Fla., is an insurance agent. Sue W. Irons, '33, Winter Haven, is home economics teacher in the high school at Frost Proof. C. B. Wisecup, '26, assistant entomologist for the United States department of agriculture, and Jeanie (Rankin) Wisecup, f. s. '26, 1204 Palmetto avenue, Sanford, Fla.

Saturday evening, March 30, Kansas State alumni and friends met at the home of Miss S. Cornelia Weeks, f. s. '97, 1540 N. W. Fifteenth avenue, Miami, Fla. Miss Weeks is a dressmaker. The following were present:

Thomas E. Will, former president of Kansas State college, who is Everglades conservationist, Bell Glade, Fla. T. R. Baumgartner, '21, landscape gardener, and his son Thomas, Jr., who plans to attend Kansas State, 725 N. E. 13th street N.; Grace (Willits) Denison, '15, and H. D. Denison and son John, 218 S. W. Eleventh street. Mr. Denison is a fish guide and boatman. Clarissa Greene, 221 N. E. Third street. Miss Greene is in newspaper and publicity work.

The following day, Sunday, Miss Clarissa Greene, a K. U. graduate, author of guide books for Miami and vicinity, took us sightseeing. This trip included a delightful visit with Dr. David Fairchild, '88. Doctor Fairchild presented one of his books, "Exploring for Plants," to the college library with the following statement: "To the library of K. S. C. in which I spent many of the most wonderful days of my early life. My mind often goes back to those early days. I am grateful for the character of that institution to which I owe so much of the inspiration that has pushed me on through life." David Fairchild, of The Kampong, April 1, 1935.

We stopped for a short visit with Mrs. Geneva (Henderson) Selig, '09, Fort Lauderdale, Fla. Mrs. Selig has two daughters, one of whom may attend Kansas State.

W. E. and Ella (Weeks) Menoher were found at their home in West Palm Beach, Fla. Mrs. Menoher was a former student and former teacher in drawing, color, and design at Kansas State college.

We found a small Kansas Aggie colony at Fort Pierce, Fla. The F. E. Colburns live at 115 North Twelfth street. Mr. Colburn was formerly college photographer. He now is busy with the management of his orange grove, an exceptionally fine one. Their son, Burt Colburn, '24, is with the Hector Supply company in Miami, Fla. Nick Enns, '15, also lives in Fort Pierce, where he is with the American Fruit Growers association. He also owns an orange grove and, with his brothers, publishes the only newspaper in the town. Nick is a leader in Fort Pierce but he is respected most for his loyalty to his daughter, now a senior in high school. Her father has cared for her since she was six years of age when her mother died. She plans to spend two years at McPherson college and then finish at Kansas State.

We also visited M. L. and Ruth (Chittenden) Cozine, '12. Cozine is teaching mathematics and coaching baseball in the Fort Pierce high school.

W. S. Criswell, '12, judge of the juvenile court in Jacksonville, Fla., for the past 12 years, is a leader in American Legion, boys', and crippled children activities in Florida.

Captain Hugh Byron Dudley, '20, and Margaret (Blake) Dudley are located at Homersville, Ga., where Dudley is commanding officer of a CCC camp. Captain Dudley is an attorney when not in active military service.

The Raleigh, N. C., K-Aggies held an alumni meeting at the State college cafeteria, Tuesday evening, April 2, with these present:

J. E. Foster, M. S. '27, associate in animal husbandry, North Carolina State college, and Mrs. Foster; Earl H. Hostetler, '14, professor of animal husbandry, and Mrs. Hostetler; J. W. Johansen, f. s. '14, extension economist, farm organization and credit, and Mrs. Johansen; Ross H. Reynolds, '11, assistant manager of the contract department of Carolina Power and Light company, and Mrs. Reynolds, 312 Forest road; Miriam (Haring) Schmidt, f. s. '20, and Robert Schmidt, assistant in the botany department at Kansas State from 1915-1917. Mr. Schmidt is associate horticulturist of the North Carolina state agricultural experiment station. B. W. Wells, instructor at K. S. C. from 1912-1914, now with the North Carolina State college, and Edna

(Metz) Wells, M. S. '32, chairman of science department of Broughton high school, Raleigh.

George W. Owens, '99, Virginia State college at Petersburg, is supervisor of the Colored Smith-Hughes high schools of that state. Owens has an enviable reputation as an educator. In appreciation for his work the new agricultural building on the campus is named Owens hall.

Frank T. Green, '28, is also on the faculty of the Virginia State college where he teaches industrial education.

We located Dr. Everett H. Ingersoll, '25, at the Medical college of Virginia, Richmond, where he is assistant professor in the department of anatomy.

Our last stop on the trip to Washington was at 105 Prince street, Alexandria, Va., the home of Velma (Carson) Rennie, f. s. '19. She was busy retouching a Kansas play entitled "West Winds Are Blowing." Mrs. Rennie also wrote an article on foods that was published in the April Household magazine. She has a daughter six years of age. Mr. Rennie is inspector for the federal housing administration in Washington.

MARRIAGES

RANKIN—SMITH

Margaret Rankin, '30, and Burton Smith, Jr., of Kansas City, were married April 4 in Kansas City. Mr. and Mrs. Smith will live at 4346 Rockhill road, Kansas City.

MORGAN—JOHNSTON

The marriage of Edith Mae Morgan and Dr. E. D. Johnston, '31, took place December 24 in New York City. After the first of June they will live in Long Island City, N. Y.

BAKER—WATSON

Lieutenant Edgerton Lynn Watson, '30, and Zenobia A. Baker were married in San Francisco, Calif., January 25. They are living at 101 Cervantes boulevard, San Francisco, Calif.

PRICE—ROBERTSON

Dr. A. S. Robertson, '33, Singapore dairy farms, Bukit, Panjang, Singapore, Straits Settlements, and Lillian Price, were married at the Singapore Presbyterian church November 22, 1934.

KEMP—ROBY

The marriage of Carolyn Kemp and Lieutenant A. A. Roby, '34, Carlisle Barracks, Carlisle, Pa., took place December 12, 1934. Lieutenant Roby is taking a training course at Carlisle Barracks.

CORKILL—TOOTHAKER

Word has been received of the marriage August 4 of Julia Corkill and Dr. Thomas K. Toothaker, '15. Mrs. Toothaker is home demonstration agent for Rosebud county, Montana, and Doctor Toothaker is employed in tuberculosis eradication work in Montana by the federal bureau of animal industry.

LIEZT—NELSON

Word has been received of the marriage July 21, 1934, of Minnie P. Lietz and Dr. Tilman H. Nelson, '34. Mrs. Nelson is an instructor in the Minneapolis, Minn., public schools. Doctor Nelson is employed by the United States bureau of animal industry in its animal disease eradication campaigns in Minnesota.

DEATHS

CAMPBELL

Robert P. Campbell, '13, died of a heart ailment April 6 at Kankakee, Ill. He leaves his mother and three sisters, Jessie Campbell, '25; Hannah (Campbell) Warren, '16; and Nell (Campbell) Skattaball.

RICE

Rev. Arthur D. Rice, '92, died April 8 at Bethany hospital in Kansas City where he had been the past three months. Reverend Rice entered the Methodist ministry in 1896, and has been in active service since that time. For the past four years he was pastor of the First Methodist church at Alma. He is survived by his wife, a son, a daughter, a sister, Ada Rice, '95, of the college, and a brother, Carl E. Rice, '97.

Many former students of Kansas State college owe their choice of an institution to his kindly advice. Once when on sabbatical leave from his church duties he taught at Kansas State as a supply teacher in the department of history.

RECENT HAPPENINGS ON THE HILL

Several farm implement companies have informed the engineering division that they expect to take on new men for summer jobs again this year. This practice was discontinued in 1930.

Speech and modulator amplifiers of the television station have recently been rebuilt in order to secure better tone reproduction and to prepare for a greater number of pictures to be transmitted per second in the future.

Approximately 50 members of the R. O. T. C. unit and Lieutenant-Colonel John S. Sullivan, Captain W. A. Swift, and Captain Ira E. Ryder went to Kansas City Friday to attend the annual R. O. T. C. circus presented by the high schools.

George Gerber, Oneida, is the new president of the agricultural economics club. Other new officers of the club are Karl Shoemaker, vice-president; L. F. Miller, recording secretary; Ned Thompson, corresponding secretary; and Gerald Brown, treasurer.

More than 100 new books touching almost every branch of human knowledge and imagination have been received at the Kansas State college library recently. Most of these volumes were obtained at the request of various departments in the college.

Four medals, two of gold and two of silver, are on display in the main hall of the engineering building. These are to be awarded by the electrical engineering faculty to juniors and seniors of the electrical engineering department with the highest scholastic record.

Prof. John H. Parker of the agronomy department spoke on "Research of Students at Cambridge University, England," at the weekly meeting of the Cosmopolitan club. The living and educational conditions and advantages of American and British institutions were compared in his talk.

L. E. Conrad and E. R. Dawley went to Wichita Saturday to enlist the support of amateur radio operators in convention there for observations on the proposed stratosphere balloon flight next summer and to examine roads for hills which are satisfactory for wind resistance tests on automobiles.

Experimenting with fused quartz cones, which act as funnels for light, staff members of the television station have succeeded in fusing a large amount of light through a small opening. The concentration of light on the aperture has been increased as much as 40 times, producing a much brighter picture than previously.

Prof. R. G. Kloeffler, E. L. Sitz, L. C. Paslay, and Fred Schumann, all of the electrical engineering department, accompanied by 21 members of the student branch of the American Institute of Electrical Engineering went to Lawrence Thursday to attend a joint meeting with a similar branch of the society at the University of Kansas.

N. T. Veatch, consulting engineer of Black and Veatch, Kansas City, Mo., an authority on sanitary engineering, addressed civil engineering students in seminar recently. Another prominent civil engineering seminar speaker recently was Prof. H. E. Riggs, Ann Arbor, Mich., a vice-president of the American Society of Civil Engineers.

Seventy men and 14 women attended the Nebraska, Pioneer (Kansas), and Kansas City sections of the American Association of Cereal Chemists on the campus Saturday, April 13. Delegates from Oklahoma, Missouri, and Minnesota also attended. Faculty members who appeared on the program of the tri-section meeting included: C. O. Johnston, Dr. C. O. Swanson, Dr. E. B. Working, J. E. Anderson, Prof. Margaret Ahlborn.

Sweet clover is worth practically as much as alfalfa for pasture, hay, or meal in hog feeding rations.

WES FRY SEES 'HUSTLE' AS TITLE DEFENSE KEY

FOOTBALL COACH SEES BIG SIX
STRONGEST IN HISTORY

'Men Respect All Opponents and Fear
None,' He Says at Close of Spring
Practice with 80 Still Re-
porting

Hope of Kansas State's retaining its Big Six football championship next fall lies in out-hustling opponents who will be equally well fortified with experienced men and reserves, in the opinion of Head Coach Wesley Fry, who discussed the coming campaign recently at the end of spring practice.

Fry remarked that prospects were for the most uniformly strong groups of teams in the Big Six since the conference was organized.

"Our men know that they must respect every opponent, and that they have no reason to fear any of them," he added.

EMPHASIS ON SPEED

Efforts of the coaches in spring practice have been to speed up the offense, as much as 20 per cent, by careful attention to elimination of waste time. Motion pictures have been used to a great extent. When these show a player loafing back to the huddle, a quarterback slow in calling signals after the huddle is formed, the lesson is obvious and effective.

Two and if possible three "first teams" will be needed to carry out the type of offensive play planned by Coaches Fry and Williamson.

"A coach can work either on the theory of one strong first team, with replacements, or of two or three team units, each with its own replacements. Under the first plan it is possible to develop a first eleven stronger than the two or three teams used under the second, but the second plan enables more men to play more football.

"If a team can go on the field knowing that it can hustle every minute and will be relieved by another good eleven when it tires, you're going to see plenty of action. A man who is on the jump all the time can get as much football in a quarter as a slow mover who knows he has to stick it out for the whole game can in three.

MORE REPRESENTATIVE

"I prefer to use two or three teams when the men are available. The idea of having only 11 or 12 men to represent a large college on the field is not in keeping with the place of football as the outstanding college game.

"Since we don't have to change systems, as was the case last year, I think we can run as many as 90 plays a game next fall instead of the 70 to 75 of the 1934 season. It is offensive football, but of course we'll have to have a strong defense in order to get the ball enough to run those plays.

"Spirit of the squad has been excellent in spring practice; no coach could ask for better."

Spring practice was ended with a game on April 6, won by the Purples from the Whites 19 to 18. An unusually smooth ground attack, for spring practice, was displayed. Loss of Stoner's punting apparently will be made up by rapid development of Maurice Elder, all Big Six fullback, in that department, with several sophomores also showing promise. The Wildcat passing attack is as yet behind the development of the squad otherwise.

Eighty men still were reporting for practice at the close of the spring drill.

EMPORIA TEACHERS WIN DUAL 'RELAY CARNIVAL'

Visitors Flash Powerful Combinations
in Track Events to Overcome Kan-
sas State Edge in Field

With an array of former state high school champions in the track events, the Kansas Teachers of Emporia defeated Kansas State in "miniature relays carnival" here last Saturday, 68 3/4 to 59 3/4. Events on the program of outdoor relays meets were used. The visitors ran under Central conference rules, permitting use of members of all four classes and first year transfers.

Kansas State won four field events, the high hurdles, and two relays, while the visitors won five relays, the broad jump, and hundred yard dash. The expected duel between Lee

Curry's "Sun Dogs" to Campus Art Collection



This halftone reproduction is of John Steuart Curry's oil painting, "Sun Dogs," which is to be presented to Kansas State college as part of its permanent art collection. It now hangs in Recreation center. The painting is to be presented by the Curry Painting Fund committee.

Haring, Emporia, and Captain Joe Knappenberger, Kansas State, in the high hurdles, did not materialize, as Haring hit too many hurdles and did not place, Knappenberger winning with yards to spare in 15.2 seconds. Both the highs and 100 dash were run against a stiff breeze.

Most brilliant race of the afternoon was the 2 mile relay, in which Bridges, Emporia, nosed out O'Reilly, Kansas State, at the tape. Runners of each team averaged slightly more than 1:58 for their half mile.

Kansas State's next meet will be in the Kansas relays at Lawrence Saturday. Entries have been made in most of the relay events. Kansas State has two "legs" on the cup in the shuttle hurdle and medley relay races, and could win permanent possession of either by winning this year. The squad also has a strong four-mile relay team.

The summary of the relay meet with Emporia:

120 high hurdles—First Knappenberger, Kansas State; second Brigham, Emporia; third DeMott, Emporia. Time 15.2 seconds.

Two mile relay—Won by Emporia (Mack, San Romani, Rhoads, Bridges). Time 7:53.5.

100 yard dash—Won by Crooms, Emporia; second Knappenberger, Kansas State; third Jensen, Kansas State, and Holder, Emporia, tie. Time 10.2 seconds.

Shot put—First Dryer, Emporia; second Hemphill, Kansas State; third Colton, Emporia. Distance 45 feet 3-4 inches.

Shuttle hurdle relay—Won by Emporia (Dodd, DeMott, Carroll, Brigham). Time 1:04.8. (By agreement Knappenberger and Haring did not compete.)

Pole vault—First Ayers, Kansas State; second Cook, Emporia; third Hemphill, Kansas State, and Harness, Emporia, tie. Height 11 feet.

440 relay—Won by Emporia (Farrow, Austin, Holder, Crooms). Time 44 seconds.

Four man mile team race—Won by Kansas State, 25 to 11 (Robinson, Redfield, McCollm, Messick). Robinson's time 4:41.6.

Discus—First Fanning, Kansas State; second Colton, Emporia; third Smith, Emporia. Distance 138 feet.

Broad jump—First Shannon, Emporia; second Crooms, Emporia; third Kirkpatrick, Emporia. Distance 23 feet 9 3/4 inches.

Distance medley—Won by Kansas State (Dill, Eberhart, O'Reilly, Wheeler). Time 10:54. (Emporia disqualified, no second points scored.)

Javelin—First Hermon, Kansas State; second Lewis, Emporia; third Bridges, Emporia. Distance 176 feet 8 inches.

100 yard relay—Won by Emporia (Mack, Rhoads, Bridges, Crooms). Time 3:22.

High jump—Tie for first between Roehrman and Harris, Kansas State. Tie for third between Wood and Carroll, Emporia, and Peters, Kansas State. Height 5 feet 7 inches.

880 yard relay—Won by Emporia (Shannon, Austin, Holder, Crooms). Time 1:30.

DEAN SWIFT IN WASHINGTON TO RECEIVE R. O. T. C. HONOR

General John J. Pershing To Present
Medal for Military Merit

Dean Swift, senior in civil engineering, left Wednesday on a 10-day all expense trip to Washington, D. C.—a trip awarded to him in connection with being selected the outstanding R. O. T. C. student in the eight states included in the seventh corps area. A similar trip is awarded each year to one R. O. T. C. and one C. M. T. C. student in each of the nine corps areas of the United States.

While in Washington Swift will receive the Pershing medal for military merit. This award is to be presented by General John J. Pershing to each of the R. O. T. C. and C. M. T. C. cadets who receive the free trip.

AMERICAN BLOCK PRINTS SHOWN HERE TWO WEEKS

Work of Two Artists of World Fame,
Many of National Reputation
Included

The American Block Print exhibition, assembled by the Wichita Art association, yesterday displaced the Prairie Print Makers' work in the gallery of the department of architecture. Two internationally known masters of this medium are among the 47 artists whose work was chosen. They are Birger Sandzen and Todd Lindenmuth, both of whom were mentioned in Furst's recent book, "The Modern Wood Cut," which takes up the world's leading artists of the medium.

Lindenmuth's contribution to this showing is a color print, "Fog Bound," which shows two men in a boat with a faintly outlined ship in the background. Lindenmuth is a New Englander. Sandzen's picture is his "Sunshine Creek," which has been shown here before.

Nationally known artists among the group are Kansas' own Lloyd Foltz, C. A. Seward, Norma B. Hall, Leo Courtney, and Herschel Logan, as well as Ernest Watson, of Brooklyn, N. Y.; Walter Phillips of Winnipeg, Canada; Ben Benson, of Chicago. John F. Helm, of Kansas State college, has no prints among those exhibited, for the first time in several years, having failed to submit anything to the jury when it was selecting the pictures.

An unusual proportion of color block prints are in the exhibition, according to Mr. Helm, most of them especially fine, but some being work done from a single block and then hand colored—a kind of work not to be compared with the more typical block print. The artists are from all over the United States, from coast to coast.

The exhibition will remain on the campus until April 30.

Fellowship Panel

Five women of the Kansas State college staff or connected with it by

marriage will participate in a panel discussion which is to be the feature of the April 26 morning session of the A. A. U. W. convention in Kansas City, Kan., April 26 and 27. They are Dean Margaret Justin, Miss Emma Hyde, Mrs. Frank Zink, Mrs. W. E. Gibson, and Mrs. E. H. Leker. The panel is to inform members as to the fellowships granted to women engaged in valuable research and unable to finance their work themselves, the history of the project, and progress of the drive to raise a million dollars for the fund.

ARTIST, PUBLIC VIEWPOINTS PRESENTED IN ART DIALOG

Langford and Matthews Converse on
Painter's Aims, Methods—Lay-
man's Questions

"The Dumb Public" and "The Artist" were roles played by Prof. Charles Matthews and Dr. Roy Langford in a "Colloquy on Art" Monday night in Anderson hall for the last meeting sponsored by the art and travel section of A. A. U. W.

This age-old question-answer device of instruction was adopted by the two faculty members the more effectively to clear up the layman's questions and misconceptions as to the aims and methods of the artist. The zest and humor of the two speakers brought frequent laughs as well as interested attention from the audience.

"Painting is a form of language, a way to get ideas across. The public has the duty of listening. A person who sleeps at a lecture doesn't get anything out of it. A man who refuses to give a picture his open-minded attention can't find out what the artist wants to say," declared Doctor Langford, speaking for the artist. "The visitor to the art gallery should give himself—not the picture—a chance. It is he who is on trial, not the painting."

"I don't know much about art, but I know what I like"—the comment often made by people who criticize modern art—was brought up as one of the statements which infuriate artists. "Why be proud of ignorance?" asked Doctor Langford. "One may not like what such an artist as Diego Rivera has to say, but should be willing to grant that he is a fine painter and is putting across his ideas forcefully."

"Whatever made him paint that?" and "Just where is this scene?" were two other questions mentioned as maddening to the artist. "Art is man made. To express what he thinks and feels the artist cannot just take a chunk out of nature. He takes parts from various places and assembles them to make a good composition and to express more accurately his feeling about that region."

Lithographs, color block prints, water colors, oils, etchings were used to illustrate points as the dialog progressed.

Miss Gunselman Aids Consumers

Miss Myrtle Gunselman, of the department of household economics, was in Pittsburg last week, at the sessions of the Kansas Federation of Women's clubs, where she acted in an advisory capacity on consumer problems. She had exhibits on various phases of the subject and suggested readings and plans for club programs.

PROGRESS OF KANSAS PRESS F. E. C.

The Chase County News, published by Harold Iliff at Strong City, celebrated its sixteenth anniversary last week. Harold Shankland is editor and Dean McCammon, '32, writes the weekly farm bureau news.

The Macksville Enterprise, published by Bertha A. McMillan, recently purchased and installed a new linotype machine. Leigh and Maxine Abbey are associated with Mrs. McMillan on the Enterprise staff.

Oscar S. Stauffer, editor of the Arkansas City Traveler, was reelected president of the Kansas Associated Press members at the annual spring meeting April 5. Edward Stanley of Kansas City, division news editor for the Associated Press, is secretary of the organization.

The death of H. V. Butcher, edi-

tor of the Western Star at Coldwater, occurred April 13. Forsaking pedagogy after 20 years, Mr. Butcher became editor of the Star in 1898. Although blind for several years, he still wrote news for the paper. Associated with him on the Star were Ward H. and Merle T. Butcher.

A stop at the Economist office in Clay Center several days ago afforded a pleasant visit with Helen Hemphill, '30, and J. Foster Scott, '33, who play a big part in making Economist wheels go around. Helen—who is a former Kansas State faculty member, as well as student—is chief news gatherer for the Economist and at odd hours correspondent for metropolitan dailies. Scott has been busy working on a spring-renovation issue. It came out last week as an eight-page tabloid size supplement to the regular issue.

HAYS ROUNDUP PLANS GO FORWARD DESPITE DUST

ANNUAL MEETING OF CATTLEMEN
AND FAMILIES APRIL 27

Feeding Experiment Results for Men,
Judging Contests for Club Members,
and Talks for Farm Women In-
cluded on Program

Hopeful that rain will have come to the plains country before the roundup, L. C. Aicher, superintendent of the Fort Hays branch experiment station, is proceeding with plans for the annual cattlemen's roundup and livestock feeders' day. The program, which is the twenty-fourth annual event, will be Saturday, April 27, at the Hays station.

In announcing the event Mr. Aicher said that plans had been difficult to make on account of the intense dust storms occurring in that area this spring.

Mr. Aicher said last week that entries already were coming in for the annual judging contest for boys and girls on the Friday preceding the roundup. He anticipates the usual number of 4-H club members and high school students will take part in the livestock, crops, and clothing judging contests.

STUDY USE OF THISTLES

Feeding experiments will be one of the subjects of particular interest to cattlemen.

"Feeding experiments this year center around the utilization of Russian thistles and grain and forage sorghums in various forms," Mr. Aicher says. "Ground Russian thistles, with and without a protein supplement, Russian thistle silage, silage made of Russian thistles and sorghum, half and half, and other combinations are being fed."

"Results of these feeding experiments will be of interest to all who have occasion to feed emergency rations of one kind or another to carry livestock through the winter. Some of the earlier ideas about the effect of thistles when fed to cattle will need revision as a result of these feeding trials."

THE ROUNDUP PROGRAM

Morning—Looking over the livestock and forest nursery.

1:15 p. m.—Pasturing wheat from the standpoint of the wheat producer, A. F. Swanson, cereal crops specialist, Fort Hays experiment station.

1:45 p. m.—Pasturing wheat from the standpoint of the beef cattle producer, W. H. Burke, president of Kansas Livestock association.

2:15 p. m.—Some features of the 1934-35 feeding experiments, L. C. Aicher, superintendent, Fort Hays experiment station.

2:30 p. m.—Results of the feeding experiments, Dr. C. W. McCampbell, head, animal husbandry department, Kansas State college.

Question box.

The program for women, as arranged by Miss Amy Kelly, state home demonstration leader, who will preside at the session for women, is as follows:

1:15 p. m.—Making low cost foods appealing, Dr. Martha Kramer, head of research department for food economics and nutrition, Kansas State college; control of garden insects, Dr. E. G. Kelly, entomologist, extension division of Kansas State college; home and community development projects, Mrs. George Berry, extension specialist, National Bellas Hess company.

DR. J. T. WILLARD HONORED BY STUDENT-FACULTY FORUM

Plans Discussed for Diamond Jubilee
of College in 1938

Student-faculty forum, which meets once a semester, honored Dr. J. T. Willard, vice-president, on his birthday April 9 at its second semester meeting. The forum was devoted to a discussion of plans for a diamond jubilee in 1938 to celebrate the seventy-fifth anniversary of Kansas State college.

Doctor Willard, a member of the faculty 52 years, received a basket of roses, presented by Dynamis, all-school honorary fraternity, and sponsor of student-faculty forum.

The program included a brief resume by Doctor Willard of what he proposes to do in writing the history of the school from data gathered over a period of 50 years. Those sponsoring the proposed jubilee hope his book will be ready for publication in time for the celebration.

When complete this history will tell of the development of each department instead of a chronological account of the development of the entire school. The collection of historical facts was begun by Doctor Willard as a hobby and not with the intention of writing a book. His decision to prepare the work for publication was announced recently.

MANY CHANGES IN PLANS FOR COMMENCEMENT, MAY 25 TO 27

THACKREYS TO CELEBRATE 50 YEARS OF ATTENDANCE

REUNION WILL COINCIDE WITH
1935 COMMENCEMENT ACTIVITIES

Members of Family Have Attended
Kansas State in 49 of 50 College
Years Since 1885—Every
Calendar Year

Half a century of almost unbroken attendance at Kansas State college will be celebrated by the Thackrey family at a reunion which will coincide with the dates of the 1935 commencement, May 25-27.

Although the first descendant of Samuel and Eleanor Thackrey entered Kansas State in January, 1879, more than 56 years ago, the record which the family celebrates this year was started in the fall of 1885. Since that time a direct descendant has been enrolled at the college in every calendar year, and in every college year save one, 1901-02. All but two of those attending are descendants of Samuel and Eleanor Thackrey, those being descendants of Samuel Thackrey by a former marriage.

FIRST 56 YEARS AGO

First of the family to enroll was the late Sarah Thackrey (Mrs. S. M. Harris), who registered in January, 1879. Samuel I. Thackrey, Manhattan, entered on September 10, 1879. The 50 year record was started with the enrolment of James E. and William E. Thackrey, '96, in September, 1885.

Others of the first generation attending the college are the Rev. J. E. Thackrey, Bushton, '93; Frances (Thackrey) Roberts, Moffat, Colo.; Franklin A. Thackrey, Indio, Calif.; the late Harriet (Thackrey) Reese, '98; and Cora (Thackrey) Harris, '98.

Samuel I. and Eleanor (Grecian) Thackrey came from Indiana to Kansas in the fall of 1865, the father being discharged as a soldier in the Union army in June, 1865, after seven months in a southern prison (Andersonville).

The family located on a claim on Spring creek, Wabaunsee county, later lived in other localities, and in 1885 bought the home just west of Manhattan on highway 40N, now the S. M. Harris home.

THIRTY-SIX AT K. S. C.

Of the 11 children who lived to maturity nine attended Kansas State, four graduating. Thirty-six direct descendants of Samuel Thackrey have attended the college, 23 of them grandchildren, four great-grandchildren. Of the 36 attending 24 have been graduated from K. S. C., and five took master's degrees here. Eleven of the 36 married graduates of the college.

Two great-grandchildren are now in college. They are Donald S. Harris, Lakewood, Ohio, a freshman in mechanical engineering, and Richard E. Totten, Clifton, freshman in electrical engineering.

The family of S. M. Harris and Sarah (Thackrey) Harris has contributed much to the family record. Of their 10 children all attended Kansas State, nine are graduates, two hold two degrees.

Three descendants have been members of the college faculty. They are Frank C. Harris, '07 and '17, Lakewood, Ohio; Miss Vida Harris, '14, assistant professor of art; and R. I. Thackrey, '27 and '32, assistant professor of journalism.

Frank A. Thackrey will represent the family on the alumni-senior banquet program.

W. A. A. SPONSORS ANNUAL 'PLAY DAY' HERE SATURDAY

High School Girls from 32 Towns To
Be Here

Pioneer days in Kansas will be the theme used for the annual high school play day sponsored by the Women's Athletic association, Saturday, May 4. High school girls from

32 cities and towns within a hundred-mile radius have been invited to take part in the day's activities: its contests, games, tea, campus tour, luncheon.

Each event will represent some incident of Kansas history; swimming events, for instance, symbolizing one of Kansas' catastrophic floods. The six teams into which the girls will be organized will be christened such names as Coronado, Pike, and Quantrell.

The five senior physical education majors are in charge of the day's activities: Mary Lois Rynders, Wichita; Inez King, Junction City; Arlene Smith, Topeka; Lois Stingley, Manhattan; Eva Brownnewell, Wichita.

HOME 'EC' MAJORS READY FOR HIGH SCHOOL GUESTS

Posters, Exhibits Being Prepared To
Teach Young Visitors How To
Buy Wisely

The fifth annual Hospitality week of the division of home economics was heralded Monday with gay posters made by the elementary design I students of Miss Rose Darst. Campus bulletin boards, high school hallways, city shop windows blossomed out with these cutout designs of bright paper on a black background, which announce the Friday and Saturday activities planned and managed by majors of the division.

Students are putting finishing touches to the exhibits each department is to have to carry out this year's theme, "Let the Buyer Be Wise." Interior decoration and flower arrangement are the two types of exhibits being prepared by the art department; one showing attractive arrangement of inexpensive furniture in a bed room, another of a living room and a dining room; the other, of artistic flower arrangement, table centerpieces, and one of tin book ends made by art classes. The regular student art work will also be on display.

The clothing and textiles department will show materials and clothes in various stages of making, the work of advanced classes. An exhibit to demonstrate points to know in connection with buying canned goods is being planned by the department of foods and nutrition. Thompson hall will again show its equipment for institutional work—always fascinating to the high school girls. The education department will display old time texts contrasted with up-to-date ones.

The department of child welfare and eugenics will have an exhibit taking the visitor through a child's day, showing what clothing, toys, books, and the like he should have.

COLLEGE GLEE CLUBS UNITE FOR SONG HOUR

Sea Chanties, Bach Chorals, Russian
Airs, Spanish Numbers on Sun-
day Afternoon Program

Sea chanties, Russian songs, Bach chorals, English airs are among the numbers to be offered next Sunday afternoon in the college auditorium at 4:15 o'clock by the three college glee clubs.

The Concert club, directed by Prof. Edwin Sayre, the Men's Glee club directed by Prof. William Lindquist, and the Study club led by Miss Hilda Grossmann will join forces for the opening and closing numbers: three Bach chorals and Deems Taylor's setting of the English song of two lovers, "Twenty-Eighten."

The men's club will contribute a group of Russian songs, of sea chanties, and of numbers Spanish in flavor. Miss Grossmann's group will sing Rasbach's "Trees," so popular with radio singers, and Ghys' bright song, "Amaryllis."

Mr. Sayre's organization will sing two Brahms love songs, an invocation to Saint Cecilia, an Hungarian folk song arranged by Deems Taylor, two Slavic folk songs, and a hymn to the sun rising through the mist, to the goddess Vena.

HUNDREDS OF F. F. A. BOYS HERE TO ENTER CONTESTS

ELEVATE 24 TO RANK OF STATE
FARMER

Public Speaking Winner Is Fred C.
Renich of Newton—W. A. Cochel
Is Banquet Speaker Tues-
day Night

At least 600 high school vocational agriculture boys and their instructors joined the annual pilgrimage to Kansas State college campus Monday and Tuesday. They participated in agricultural judging and farm shop contests, public speaking contests, and saw some of their number elevated to the coveted rank of State Farmer in the association of Future Farmers of America. Seventy teams entered the judging contests and 39 were entered in the farm mechanics contests.

At the annual chamber of commerce banquet Tuesday night 24 boys were raised from the rank of Future Farmer to that of State Farmer. Those so honored were Louis Beurman, Lawrence; Clifford Beyler, Harper; Donald Chandler, Arkansas City; J. W. England, III, Shawnee Mission; Merriam; Richard Fisher, Lebanon; Jettie C. Fuller, Miltonvale; Robert Gorrill, Lawrence; Robert E. Green, Mound City; Walter Houk and Kenneth Johnson, Lawrence; Arthur Jones, Reading; Glover Laird, Harper; Norman Lohmeyer, Linn; Harvey Lee Loveland, Miltonvale; Carroll Alvin Mogge, Goodland; Earl Moore, Morrowville; Philip Mosher, Ottawa; William Nielson, Waterville; Maynard Reinecke, Ottawa; Verlin Rosenkranz, Washington; Dale Schaible, Fairview; Paul Smith, Harold Thaete, and John Woods, Lebanon.

DEAN CALL HONORED

Honorary State Farmer degrees were conferred upon Dean L. E. Call of the college division of agriculture and C. M. Miller, Topeka, state director of vocational education. W. A. Cochel, editor of the weekly Kansas City Star, gave the principal address.

J. W. England, III, of the Shawnee Mission rural high school at Merriam was elected president of the Kansas association of Future Farmers. He was winner last year of the public

speaking contest. Other officers chosen were Richard Fisher, Lebanon, vice-president; Arthur Jones, Reading, reporter; Donald Chandler, Arkansas City, secretary; Wilbur Duitsman, Linn, treasurer; L. B. Pollom, Topeka, adviser. They were installed during the F. F. A. meeting held as part of the banquet program.

NEWTON BOY WINS

Fred C. Renich of Newton won first place and the gold medal in the public speaking contest with his discussion of the subject, "Under All—the Land." The silver medal for second was won by Richard Fisher of Lebanon, and the third place medal went to Lee A. Burress of Mulvane.

For the third successive year the Newton high school team, coached by R. M. Karns, '26, won first place in the agricultural judging contests. The Newton boys—Paul Renich, Aaron Schmidt, and Clyde Zook—were first on poultry and farm crops and high enough on livestock and dairy to win the grand championship. Renich was high individual of the entire contest and Michael Younger of Quinter was second.

Second honors in all departments of the judging went to Lebanon, F. A. Blauer, '29, coach.

Two boys from Oberlin—H. Brown and B. McCartney—won first in the farm mechanics contests, second honors going to C. Trough and V. Akers of Mound City. These four were the high scoring individuals.

Quinter had the high team in dairy, with Max Dawdy, Washington, the high individual. Fredonia won the livestock contest, with Junior Norby and John Banbury of Pratt the high individuals.

Although the Newton trio ranked high as a team on poultry and crops, Eugene Templar, Howard, was high individual poultry judge and Maynard Reinecke, Ottawa, took first on crops.

Lockard Exhibition Here

The work of Robert Lockard, erstwhile of the architecture department here and now of the William Rockhill Nelson Art gallery, Kansas City, is now being exhibited in the gallery of the department of architecture. It will be there for two weeks' showing.

WHAT THE COLLEGE OFFERS

President F. D. Farrell

Comparatively few alumni are fully informed regarding changes that frequently occur at the college and regarding the educational opportunities offered by their Alma Mater. From time to time new subjects are added to the curricula and old subjects are dropped. New subject matter for the use of teachers constantly is made available from the results of research at the college and at numerous other institutions. Changing economic and social conditions require frequent modifications in courses and curricula.

Most of the educational opportunities offered are in one or the other of two categories: undergraduate study and graduate study. The total number of courses offered in these two categories exceeds 1,200. There are more than 20 four-year curricula. There are two six years in length and one five years in length. These curricula are in the various fields of agriculture, engineering, home economics, veterinary medicine, and general science.

Graduate work leading to the degree, master of science, is offered in 40 different departments, ranging from agricultural economics to zoology. Advanced graduate work leading to the degree, doctor of philosophy, is offered in the fields of bacteriology, chemistry, entomology, genetics, and milling industry.

In each curriculum the student may obtain training in both liberal subjects and technical subjects. In most of the undergraduate curricula

technical subject matter represents from 40 to 60 per cent of the total, and liberal subject matter represents the remainder. This arrangement makes it possible for each student to obtain well balanced education.

In addition to the opportunities offered in class room and laboratory, there are many valuable extra-curricular opportunities. For example, the college library contains about 110,000 books and subscribes for more than 500 periodicals, thus offering opportunity for wide reading. Other liberalizing activities include the work of the department of music, in which approximately 600 students participate each year; the work of the department of physical education and athletics, in which more than 1,500 students participate each year; and the work of such departments as public speaking, modern languages, English, art, history, and government. There are numerous helpful projects in debate, oratory, student government, group discussion, and many others.

In short, the college offers excellent opportunities in the most up-to-date types of college education, both undergraduate and graduate. These opportunities are well balanced, both as between the technical and the liberal and as between class room and laboratory, on the one hand, and extra-curricular activities, on the other. The college strives to provide "education for the whole man," his mind, his body, and his spirit; education for the modern world.

ALUMNI DAY ON SATURDAY, COMMENCEMENT MONDAY

F. D. FARRELL AND REV. F. C.
KELLEY WILL BE SPEAKERS

Reduction of Activities from Five Days
to Three, All on Week End, Be-
lieved More Convenient
for Alumni

All alumni, especially those who plan a return to the campus for commencement week, will be interested in important changes which have been made in plans and dates for the seventy-second annual commencement of Kansas State college. Eleven graduating classes will have reunions.

Transferring of alumni day to the Saturday preceding baccalaureate instead of the Wednesday following, and setting the date of commencement exercises up from Thursday to Monday, constitute major changes never before attempted in the history of the college. These changes do not appear in the calendar published in the college catalogue.

ALUMNI DAY MAY 25

Alumni day will be Saturday, May 25, baccalaureate services will be Sunday, May 26, and graduation exercises will be Monday, May 27. Other major activities of commencement week, listed in a calendar elsewhere in this issue, include class luncheons, alumni business meeting, alumni banquet to seniors, and the alumni-senior reception. Alumni Secretary Kenney L. Ford wishes to call special attention to the change in date for alumni day.

The sermon for baccalaureate services May 26 will be by the Rev. Francis C. Kelley of Oklahoma City, bishop of Oklahoma City and Tulsa. The commencement speaker will be Dr. Francis David Farrell, president of Kansas State college.

EXPECT GREATER ATTENDANCE

Reasons for the change in dates, which reduces commencement week from five days to three, are many. Those in charge believe it will be more convenient and time saving for all alumni, particularly important to the younger graduates who find it difficult to get away from their employment or homes for a week. Many of these, it is believed, will find it possible to return for the week-end commencement activities. As a result a greater number of the younger alumni are expected to return this year.

Likewise the new calendar is expected to be more convenient for parents and other relatives and friends of members of the graduating class to be here for baccalaureate and commencement on successive days, rather than remaining from Sunday to Thursday, inclusive.

EXERCISES IN STADIUM

Continuing a practice started last year, both baccalaureate and commencement exercises will be held in Memorial stadium instead of in the college auditorium as was the practice for years. This will make it possible to accommodate all visitors and an unusually large group is expected to attend those activities and the various alumni gatherings. Previously it has sometimes been necessary for those arriving late for commencement to stand, or to miss the exercises entirely because of lack of space in the auditorium.

This year the classes '80, '85, '90, '95, '00, '05, '10, '15, '20, '25, and '30 will have reunions, according to E. A. Allen, '87, president of the K. S. C. alumni association, who issues this appeal to all alumni of the college:

"Members of your alumni association find a great deal of pleasure in meeting and greeting members of the reunion classes from year to year even if their own class reunion is not being held. We hope each of you will make a special effort to be here this year. You bring joy to yourself and

(Concluded on alumni page)

The KANSAS INDUSTRIALIST

Established April 24, 1875

F. D. FARRELL, PRESIDENT... Editor-in-Chief
F. E. CHARLES... Managing Editor
R. I. THACKREY, H. P. HOSTETTER,
RALPH LASHBROOK... Assoc. Editors
KENNETH L. FORD... ALUMNI EDITOR

Published weekly during the college year by the Kansas State College of Agriculture and Applied Science, Manhattan, Kansas.

Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. C. E. Rogers is head.

The price of THE KANSAS INDUSTRIALIST is \$3 a year, payable in advance.

Entered at the postoffice, Manhattan, Kansas, as second-class matter October 27, 1918. Act of July 16, 1894.

Make checks and drafts payable to the K. S. C. Alumni association, Manhattan. Subscriptions for all alumni and former students, \$3 a year; life subscriptions, \$50 cash or in installments. Membership in alumni association included.



WEDNESDAY, MAY 1, 1935

SIXTY YEARS OLD

A new department is added on this page of THE INDUSTRIALIST today—the sixty-year-old items. Years ago the volume number of THE INDUSTRIALIST was changed to correspond with the calendar year. This accounts for the fact that, although the present volume was numbered "61" beginning last September, the sixty-year-old paragraphs could not be printed until this month.

Perhaps the editors may be pardoned for a bit of pride that comes when they point to the sixtieth anniversary of their paper, especially in a state like Kansas which is relatively young. There are several Kansas newspapers which have been printed regularly for more than sixty years, still fewer that have lived so long under the same nameplate.

From the start, THE INDUSTRIALIST was destined to pursue an untrod pathway. In the words of its salutatory editorial, it proposed "to preempt unclaimed land and make a field of its own." Its partial purpose was further declared: "to photograph the work of the several departments of the agricultural college for the information of its patrons and its people; to discuss the educational system and methods of Kansas from the standpoint of the rights and necessities of the industrial classes; to contribute... such practical facts of science as may increase the profit or the pleasure of the farmers, mechanics, or business men or women of Kansas."

In short, the first editor of THE INDUSTRIALIST concluded, the paper proposed "to promote the liberal and practical education of the industrial classes in their several pursuits." And, it might be added, woman suffrage was thus given early recognition.

THE INDUSTRIALIST obviously was founded to promote the fundamental purposes of Kansas State college: "liberal and practical education." How often on this campus have we heard those words! We ought to go on hearing them, being reminded of the special classes which this college is intended to and equipped to serve.

John A. Anderson, then the president of Kansas State Agricultural college, defined more than the purpose of the college. He described fairly definitely the fields into which THE INDUSTRIALIST would not venture: the general news field, the realm of the agricultural journals, and the discussion of politics.

For sixty years THE INDUSTRIALIST has attempted to follow these suggestions laid down in its prospectus. It does not mean to stray out of bounds.

COOPERATIVE HOUSES

The financial, social, and educational by-products of a cooperative house in Connecticut college are detailed in a recent issue of the Journal of Home Economics.

Financial straits was the motivating force back of the experiment, as it has been here at Kansas State college, but the training in intelligent home management has been such an invaluable result that the project is to be continued.

Kansas State college now has three different types of such cooperatives. At the college cafeteria, between 150

and 200 students, mostly boys, have this semester contributed approximately three hours a week, doing practically all the general work connected with the building, and in exchange received 17 meals a week for \$2.25. Here the home management training is, of course, negligible.

The Van Zile hall cooperative group takes in 98 of the 115 girls living in this dormitory. Nine girls last semester and 14 of the 98 this semester are home economics majors in institutional work. These student majors supervise the 84 other girls in the cooking and serving of the meals and in the housekeeping. One of the 14 each week is head housekeeper, another is assistant housekeeper, and a third is kitchen supervisor. They rotate the positions. Other girls—whose major may be in physical education, music, general science, or other curricula—working under these home economics majors, learn to cook, find out what makes a well balanced menu, what are efficient house-keeping methods, and what is the right way to set a table and serve a meal. Incidentally they get the habit of budgeting their time and assuming responsibilities.

In exchange for an average of an hour's work a day, cooperatives in Van Zile hall pay only \$19 a month for both board and room. In charge of this cooperative project are two members of the home economics faculty who live at the dormitory: Miss LeVelle Wood and her assistant, Luella O'Neill.

The third and most ambitious cooperative project, for a group of home economics majors, is the home management (once called practice) houses. First in a low income house and then in a higher income house, the girls apply their knowledge gained in the basic home economics courses to running a home. Home living and management, both as a science and as an art, are herein studied.

Kansas State college's cooperative experiments have in the last two years received nation-wide publicity and admiring attention.

BOOKS

Wells on Himself

"Experiment in Autobiography." By H. G. Wells. Macmillan Company. 1934. \$4.

"Experiment in Autobiography," H. G. Wells' latest book, was written, according to the introduction, to relieve Wells of "a phase of fatigue and discouragement" coming upon him at 68. Inevitably some of this fatigue creeps into the book; indeed its 700 pages constitute in themselves something of an endurance test for the reader. Yet it is a fascinating report of the genesis, hopes, and accomplishments of an essentially buoyant, resilient spirit.

Born in comparative poverty, handicapped in getting his education, struggling half a lifetime with ill health, Wells has succeeded in stubbornly pursuing his own purposes, until he has attained to the stature of a prophet of the western world.

Probably different readers will be attracted by different sections of the book. Almost any middle-aged readers will be interested in comparing with their own small-town adolescence the account of Wells' dingy childhood behind an unprosperous china shop, his early schooling, his protesting, shirking apprenticeship to the dry goods trade, and his glimpses of higher life in an English country house. Collegians will be astonished at the wide contrast between their own busy days and dreams, and the mode of acquiring a scientific education in London 50 years ago. Teachers will find provocative Wells' discussions of educational theory and his reports of his own teaching and that of numerous other teachers, including Huxley. Convinced New Dealers will not want to skip one of the 150 pages telling of the development of those ideas of a "planned world," to which Wells has devoted so much of his thought during the last 35 years. Any intelligent reader will appreciate his attempts to explain honestly his disappointed youthful idealism about his first wife, his life-long friendship and business partnership with his second wife, and her patience with his later philanderings.

Wells' account of his religious experiences will be paralleled by the history of many inquiring, skeptical minds. He began with early doubts, arrived at a scientific materialism, but was driven by the war into an attempt to find comfort in some supernatural being. From the God of his

war-time books, he has turned to "the idea of creative service to the World State" as a religion for a modern mind. His analysis of his experience will interest thinkers who do not share his conclusions about "Ultimate Truth."

The final chapters picture some recent and contemporary leaders, whom Wells considers typical of various modern trends of thought, such as Northcliffe, Lord Milner, Theodore and Franklin D. Roosevelt, and Stalin. A brief account of a recent visit to Russia includes vivid contrasted portraits of Pavlov and Gorky.

Wells' conclusions about the final success of world cooperation are op-

outdoor performances at the college.

Dean W. M. Jardine of the division of agriculture went to San Francisco to act as judge of food products at the Panama-Pacific International exposition. Dean Jardine was the only Kansan selected as a judge at the exposition.

THIRTY YEARS AGO

The board of regents authorized a four-years' course in veterinary science, open to students in September. The first two years of the course were to be identical with the course in agriculture.

Assistant Harry Brown and his military band were scheduled to give

The Future Farmers of America Spirit

C. H. Lane in the F. F. A. Manual

In these days, dangerous in their clamors for bigness, speed, and luxury, one needs to remind himself that increase of possessions, whether of property or power, does not insure progress in satisfaction. This comes from the unfaltering pursuit and service of truth, beauty, and goodness in everyday life, and from helping on the happiness and prosperity of our fellows. To work in that way for the advancement of the community, state, and nation, I take it, is the large inclusive aim which animates the Future Farmers of America.

The social unrest, the agricultural discontent in some parts, and the disappearance of the love of labor as the source of joy in life, all raise the inquiry: are we on right lines in education for safety, prosperity, and happiness? Without doubt there is urgent need to transfuse the spirit of the daily task on the farm by high ideals and standards. These are developed by the kind of vocational education which is becoming an integral part of the rural high schools of the several states. They belong to and grow out of the mood of the mind and manner in which work is done.

Achievement of the individual is made the basis for advancement from rank to rank in the Future Farmers of America. Class work of a high order, a successful handling of project work, evidence of thrift, and a practical demonstration of leadership are the passports to the higher degrees of the organization.

The Future Farmers of America must help to make life worthwhile by great, satisfying purposes in the lives of the plain people, which will find their expression through efficient labor for livelihood, the love of learning, and the willing service of humanity. To the rural youth of the nation who are seeking to prepare and to perfect themselves for service through the organization of Future Farmers of America, I address this motto as embodying the true vocational spirit: learning to do, doing to learn, earning to live, living to serve.

timistic. He sets no date for world union, but he finds even in the opposition his books have aroused a recognition of the essential rightness of his ideas.

No reader will be driven by overpowering curiosity to very late sessions with this book. Indeed, many will probably prefer the method of dipping for what meets their own special interests. But every thoughtful student of this changing age will find it worth while.—H. E. E.

IN OLDER DAYS

From the files of The Industrialist

TEN YEARS AGO

Typography students, with R. Gordon Brown, Topeka, as editor-in-chief, published a miniature joke magazine, "The Brown Bullet."

Prix, junior girls' honorary organization, announced the following new members: Margaret Avery, Wakefield; Charlotte Swanson, Bernice O'Brien, Gladys Stover, Genevieve Tracy, and Mary Lowe, Manhattan; Imogene Daniels, Caney; Louise Wann, Hays; Dorothy Stiles, Kansas City; Vera Anderson, Arrington; and Rachel Hurley, Topeka.

Miss Muriel Shaver and Nelson Antrim Crawford, head of the department of industrial journalism and printing, were married in Kansas City, Mo. Miss Shaver was a senior in industrial journalism. Mr. and Mrs. Crawford planned to go to Washington, D. C., where Mr. Crawford had been appointed director of information for the United States department of agriculture.

TWENTY YEARS AGO

The Ben Greet players appeared on the college campus May 29, presenting "Twelfth Night" and "A Winter's Tale." It was the second year that the Ben Greets had appeared in

the seventh annual May festival concert at Wareham's opera house. Mr. B. R. Jackson, euphonium soloist, Mrs. Cora E. Brown, harpist, and Miss Adelle Blachly, soprano soloist, were to appear on the program.

FORTY YEARS AGO

A picture of the college grounds and buildings was taken from the roof of Professor Willard's house. Reproductions of it were to be used in the catalogue and the class book.

Ellen Norton was elected president of the Young Women's Christian association. Other officers elected: Gertrude Lyman, vice-president; Fannie Parkinson, recording secretary; Grace Stokes, corresponding secretary; Cora Thackrey, treasurer. The association planned to send Miss Norton to the Lake Geneva, Wis., summer school in early July.

FIFTY YEARS AGO

After a year's agitation, the college was granted a mail sack to carry mail to and from the college.

The following business cards appeared in THE INDUSTRIALIST: George Firestone, livery, feed, and sale stable; Higinbotham, Stingley, and Huntress mills; Burgoyne's photograph gallery; Wm. Knostman, clothier; Fox's book store; Manhattan clothing house, Winne and Lemon, proprietors; Manhattan bank, E. B. Purcell, banker; and E. B. Purcell's general store.

SIXTY YEARS AGO

A paper on "shelter belts" and their influence upon the orchard and farm, by Professor Gale, consumed about half of the May 1 issue of THE INDUSTRIALIST.

THE INDUSTRIALIST, Vol. 1, No. 1, made its bow on April 24 as a little eight by eleven. J. A. Anderson, man-

aging editor, and J. H. Folks, business manager, assumed financial responsibility for the weekly publication.

ELSA MOURNS FOR LOHENGRIN

Anne Goodwin Winslow in Harpers

Perhaps you'd think, After that parting on the brink, The burst of music and the flash of wings, She would not love the river any more; But girls were always curious things; She still would sit for hours on the shore.

Often the earliest fisher would Find her already there, And wonder that a princess should Be anywhere Except in bed, And many a passing boatman bowed his head, And breathed a prayer, Thinking she was a mermaid, from her hair.

And when one day A little goose-girl drove her flock that way And the tall leader, bolder than the rest, Slipped through the sedge And the high reeds and launched his snowy breast There in the river's edge, She heard a scream And saw the willow branches part And saw a lady clutching at her heart; Yet there was nothing but the gleam Of those white feathers on the stream.

SUNFLOWERS

H. W. D.

EMERGENCY NO. 462

Dining rooms, sitting rooms, living rooms, sleeping rooms! But as yet no knitting rooms—in these needle-clicking days the most needed of all rooms!

How do I know? Well, fellow sufferers and fellow husbands, here's how.

The last fifty or sixty times I've attempted to drop into an easy chair at home and rest my bedraggled self, I've sat on and in knitting. And needles to say it, not all of it was finished. Much of it was, and still is, under construction. Things have really become so bad I've had to take them unseriously—or go mad.

Consequently, during the past week or so I've been playing a little game with myself. I count sitting on a plain white knitted hat five points—if it's ecru or Eleanor blue I add two or three. Sitting on a knitted suit or the back of a sweater counts ten points if either garment is more than ten per centum completed and an additional ten points for each additional ten per centum of construction. Neckties and purses tally one point each if they are far enough along to be recognized as such and such; otherwise they are disregarded, as are strands of yarn over the back of chairs unless they get caught in the shafts of my glasses back of the ears.

Three weeks ago I ran up a score of 37 points, two weeks ago 143, and last week 289. This week (we have a house guest) I have already chalked up 867 markers and still have two days to go.

I have gone somewhat into details and figures to prove that what I started out to say has much more to it than you might think—especially if you don't think. The modern home should be designed with the idea of devoting at least one floor exclusively to knitting, and people who call themselves architects ought to be getting "wised up" to the emergency. I hope they decide upon the sub-basement or the attic.

I don't look upon the present vogue of knitting with the alarm expressed in some quarters. Knitting, I feel, is adapted to the feminine mind—particularly the simpler types—of knitting, of course. It keeps the home quieter and allows Dad and William ease of mind and ears—and body, if they can find a chair or couch not already occupied. The meals are not so hurried either, and there is much less opportunity to over-eat.

All in all I'm an ardent proponent of knitting, but of course the American home will have to be re-designed before one hundred per cent production can be hoped for.

What we have inherited from our fathers and mothers is not all that "walks in us." There are all sorts of dead ideas and lifeless old beliefs. They have no tangibility, but they haunt us all the same and we cannot get rid of them. Whenever I take up a newspaper I seem to see Ghosts gliding between the lines. Ghosts must be all over the country, as thick as the sands of the sea—Ibsen.

LOOKING AROUND

KENNEY L. FORD

This continues the story in the last issue of THE INDUSTRIALIST telling of Kansas State alumni visited by the alumni secretary.

Leaving Washington April 7, after driving all day in the rain, we arrived at Blacksburg, Va., unannounced. Mrs. Mildred (Barr) Magill, '13, quickly arranged an impromptu alumni meeting in her home with the following Virginia Polytechnic institute faculty folks present: Ralph E. Hunt, '11, head of animal husbandry department; Edmund C. Magill, '12, head of agricultural education department; and Mildred (Barr) Magill, '13; Percival B. Potter, '11, associate professor of agricultural engineering, and May (Landis) Potter, '15; and Verne R. Hillman, former faculty member of agricultural engineering department at Kansas State college from 1923-'26, and Mrs. Hillman.

Driving on to Pulaski, Va., we found Robert E. Eastman, '00, Mr. Eastman is a landscape planter. He received a master's degree from Cornell in 1902 and studied forestry at Yale. The Eastmans have four children, the youngest in high school and the others in college.

A brief stop at Bristol for a chat with William Edwin Rutherford, '27, 608 Pearl street. Mr. Rutherford is superintendent of electrical distribution of East Tennessee Light and Power. Paul B. Winchel, '21, of Bristol, is also with the same company except that he is superintendent of gas distribution.

An alumni luncheon meeting was enjoyed at the Y. M. C. A. cafeteria at noon April 8 at Knoxville, Tenn., by the following:

Kay H. Beach, '28, medical department of Tennessee; President bureau; Dave Griffiths, f. s. '34, Knoxville Printing company; and Evelyn (Peffly) Griffiths, '27, 517 Union avenue; and Elda (Meyer) Miles, f. s. '32, 517 Union avenue.

One of the most enjoyable meetings of the trip and the only one we did not get to on time was at the Dr. K. C. Davis home, Monday night, April 8, in Nashville. The following were present:

K. C. Davis, '91, professor of agricultural education of Peabody college, and Fanny (Waugh) Davis, '91; Douglas P. Davis, f. s. '30, mechanical engineer at Vanderbilt university; W. W. Gebhart, f. s. '33, sound engineer at Peabody college; Kathryn McKinney, '34, working on master's degree at George Peabody college; Daisy (Harnner) Roehm, '02, and A. L. Roehm, professor of modern languages of Peabody college; Grace Scholz, '33, dietitian for Tennessee emergency relief administration; A. J. Wheeler, '11, principal of high school, Nashville Agricultural Normal institute, and Mrs. Wheeler of Madison; and Eva M. Wheeler, f. s. '11, superintendent of Florence Crittenton home.

When one walks into a home and finds on the piano the photograph of Mother Taylor, housemother of the Phi Sigma Kappa fraternity, it is ample proof that it is a Kansas Aggie home. Such was the case at 130 North McLean, Memphis, Tenn., the home of John H. and Helen (Crow) Tole, '24. Mr. Tole is sales engineer for the Westinghouse Electric and Manufacturing company.

With the Toles a visit was enjoyed at the home of Ray H. Moran, '23, 286 North McNeil street, Memphis. Ray is branch manager of the Larabee Flour Mills company. The Morans have three children.

We were told that Ross J. Sillett, '22, is located at Dyersburg, Tenn., where he is with the farm management service of the Metropolitan Life Insurance company.

Kansas Aggies living in Little Rock, Ark., held an alumni dinner meeting at the Hotel Marion the evening of April 10 with the following present:

Captain Allen K. Davis, f. s. '18, Company 795, CCC, Fair Park, and Mrs. Davis, f. s. '18; Lieutenant Donald R. Johnston, '33, Company 795, CCC, Fair Park, and Louise (Hamilton) Johnston, f. s. '33; J. J. McDonald, f. s. '25, civil engineer, Arkansas highway department, and Bernice (Gilkerson) McDonald, f. s. '26; Martina Martin, '27, assistant dietitian of Veterans administrative faculty; Eugene P. Nelson, f. s. '23, assistant office engineer of the Arkansas state highway department, and Olive (Hering) Nelson, '24, 810 Lewis, all of Little Rock; Warren R. Stewart, '21, head of department of animal husbandry, Arkansas Polytechnic college of Russellville; H. A. Thackrey, '14, resident engineer of Arkansas highway department, Camden, and son, Bobby.

John L. Wilson, '23, is in charge of the department of chemistry at the Paul Dunbar high school in Little Rock. Wilson has been spending his summers at Kansas university working on a Ph. D.

At Russellville, Ark., home of the friendly Arkansas Polytechnic college, a junior college, Mr. and Mrs. Warren Stewart, '21, have charge of the boys' dormitory, while over at the other end of the campus Lila Bryan, f. s. '18, is dean of women, teacher of home economics, and in charge of the girls' dormitory.

At Rotary luncheon we ran into Jack A. Smallwood, f. s. '92-'93. Mr. Smallwood is agent for the Missouri Pacific Railroad at Russellville.

Herbert I. Durham, '26, is a fruit farmer at Alma, Ark. The Durhams have two children.

A group turned out for a dinner meeting at the cafeteria, University of Arkansas, at Fayetteville, the evening of April 11. Following the dinner, the meeting adjourned to the agricultural building for motion pictures and program. The following were present:

W. G. Amstein, M. S. '28, extension horticulturist, and Myra (Pederson) Amstein, '22, Lindell; A. S. Brown, '33, instructor in electrical engineering; W. A. Coe, '96, farmer; J. R. Cooper, '12, head of department of horticulture and forestry; C. O. Jacobson, '28, dairy department, and Mrs. Jacobson; H. H. Schwardt, '26, assistant entomologist, and Bernice (Hedge) Schwardt, '24, 714 Douglas; R. H. Waters, '24, assistant professor of psychology, and Colletta (Mayden) Waters, '23, and Ruth McIlroy, '33, rural home supervisor, Bentonville.

The final alumni meeting of the trip was held in Coffeyville, Kan., Friday evening, April 12, at the Hotel Dale. Following the dinner, the motion pictures were shown. These pictures had previously been shown to the high school and junior college students in the afternoon. The Montgomery County Alumni association was organized and the following officers elected: Karl M. Wilson, '24, president; Dr. T. M. Robertson, '97, vice-president; Geraldine Johnston, '31, secretary-treasurer; and Lawrence Barnhart, '30, publicity chairman. The following registered at the meeting:

J. B. Boehner, '31, process chemist for Ozark Smelting and Mining company, and Beulah (Moe) Boehner, '28, 1407 West Sixth street; Anne Everett, f. s. '34, 608 Lincoln street, teaching; Mr. and Mrs. W. Carlton Hall, '20, dairy farmer; Ben E. Hartman, '30, chemical engineer with the National Petroleum company, and Mrs. Hartman, 612 Lincoln; Geraldine Johnston, '31, teaching in the high school, 611 Elm; Clair Jordan, '29, teaching in junior college, and Kathryn (Wilson) Jordan, '30, 1308 West Sixth street; J. B. LeClere, '34, teaching in high school, 115 West Fourth street; Roy L. McConnell, '28, veterinarian; Maurine (Ames) Read, '24; L. T. Richards, '29, 1005 West Eighth street; T. M. Robertson, '97, orthodontist, 307 West Eighth street; W. A. Schuster, '13, 914 Lincoln; Karl M. Wilson, '24, teaching in junior college, and Alice (Fisher) Wilson, '25, 311 West Tenth street; Vera (Alderman) Winston, '26; Stuart S. Young, '08, electrical contractor, 703 West Fifth street, all of Coffeyville, and Lawrence Barnhart, '30, advertising, and Jack Sanders, '30, both from Independence. Sanders is in the employ of the Kansas Gas and Electric company.

ALUMNI DAY ON SATURDAY, COMMENCEMENT MONDAY (Concluded from front page)

your classmates by getting together to renew friendships; you uphold the ideals and traditions of your Alma Mater by your continued interest, and give added inspiration to members of the alumni association by your cooperation and support. Yours for a happy reunion."

ELEVEN CLASS REUNIONS

Each of the eleven chairmen of the welcoming committees for each five year reunion group has written a letter to members of the class. The letters follow:

Dear classmates of 1880:

It is conceded that numbers lend enthusiasm. But loyalty to the institution as a final test was emphatically impressed upon the class of 1880 by the president of the college, George T. Fairchild.

As a studious group of seven we enjoyed our work and our play as well as a friendly association not possible in a larger class. It is hoped that the class of 1880 will be represented by all remaining members.

Emma (Knotman) Huse.

To the class of 1885:

This is our golden anniversary. I cordially invite you classmates of 50 years ago to return to the college this commencement and partake of the honors we give, also to relive the memories of 1885. Albert Deitz of our class, living at 3406 Jefferson street, Kansas City, Mo., has written that he will be here. If it is impossible for you to come, kindly send us a letter telling about yourself, family, and anything else that may be of interest to those who are present. Please let us hear from you soon.

Sincerely,
Carrie (Secrest) Hungerford.

The class of 1890 sees its forty-fifth anniversary approaching. Seldom have we had over a half dozen present for commencement, and we three resident members, Emil Pfuetze, Schuyler Harner, and Bertha (Kimball) Dickens, are hoping this year to greet again classmates who live elsewhere. As secretary of the class, I am asking each of you to make a special effort to be

COMMENCEMENT WEEK

SATURDAY, MAY 25

Alumni Day

Class Reunions

'80	'00	'20
'85	'05	'25
'90	'10	'30
'95	'15	

12:00 noon. Class luncheons.

2:00 p. m. Alumni business meeting, Recreation center.

6:00 p. m. Alumni banquet to seniors, Nichols gymnasium.

SUNDAY, MAY 26

4:00 p. m. Commencement concert, auditorium.

7:40 p. m. Academic procession.

8:00 p. m. Baccalaureate services, Memorial stadium. Sermon by Most Reverend Francis C. Kelley, Bishop of Oklahoma City and Tulsa, Oklahoma City, Okla.

MONDAY, MAY 27

4:00 to 5:30 p. m. Alumni-Senior reception, president's residence.

7:40 p. m. Academic procession.

8:00 p. m. Graduation exercises, Memorial stadium. Address by Dr. Francis David Farrell, president of Kansas State College of Agriculture and Applied Science, Manhattan.

present; but if you cannot come, write and tell us about yourselves. Don't refuse because you have no brilliant record to report. Few of us have, but we want to hear from you. A message from a classmate will be of interest to all. Hoping you can come,

Bertha (Kimball) Dickens, '90.
Chairman of local members.

Dear classmates of '95:

All aboard the commencement special—streamline train, airplane, automobile, motorcycle, bicycle or what have you. Your campus friends are counting on you; the 18 members of our class who are already planning to come are expecting you to join them; a special welcome is awaiting you.

Note the change in date of commencement and the program for alumni day. Later we shall write you about the special events which we have planned for our class on Sunday and Monday. Let us have three days of happy association.

Write us very soon concerning your plans, and incidentally you might answer the questionnaire we sent you in the fall.

If you cannot come, send us a message to be read at our reunion.

Very cordially yours,
Ada Rice, class secretary.

Members of the class of 1900:

I hope each member of the class of 1900 has been looking forward to the class reunion on the occasion of the thirty-fifth anniversary of our graduation, and is planning to be present to greet old friends, exchange experiences, revive memories of undergraduate days and have a genuinely happy time. Note that alumni day this year is Saturday, May 25. The local group will plan a class luncheon and probably other meetings for those who can stay over for commencement exercises on Monday evening. If it is absolutely impossible for you to be present, please write a letter to be read by those who are here. Come and bring your children and grandchildren.

C. M. Correll.

Dear '05's:

Thirty years is a long time—but how short it seems when we look back to the years we spent here in the ivy-clad buildings of K. S. C.

Those of the class of '05 who still remain in Manhattan are looking forward now to a renewal of those happy, happy hours, for a brief time at least, during our reunion on our thirtieth birthday as members of the K. S. C. family. We are hoping that every member of the class who can possibly do so will pay us a visit at that time and join in the renewing old acquaintances and reviving memories that are still pleasant after all these years.

If you cannot possibly be here, at least write us about yourself, your family, and all, so that we may have that much if nothing more to fill your place in the circle.

Sincerely yours,
A. F. Turner.

To the class of 1910:

"Get on your old BLACK bonnet"
"With the ORANGE ribbons on it"
for we are going to a circus. No, that is wrong. We're going to BE a circus, and don't let 'em tell you different.

For our twenty-fifth reunion at commencement time we plan to have a convenient headquarters where you can depend on meeting all the others of the class who return.

Make your plans to get here Friday evening, or Saturday morning early, to get all pepped up for a razzle-dazzle class meeting around the lunch tables Saturday noon, which will be our first planned meeting. Stay until Tuesday morning. Get plenty of sleep before you start, for you won't get much while here. Drop us a postcard if you are coming, please, to help the committee plan for your entertainment.

And to those who cannot possibly come, depend on your unselfish loyalty to the class, to send us letters to read to those who do come, telling us about yourself and family.

There were nearly 60 of us here in 1930, and we hope for a bigger attendance and a better time this year.

E. H. Dearborn,
President, class of 1910.

Little did we think, our last term on the campus, that 20 years would come so soon. Neither did most of us suspect that we might have youngsters who have outgrown us in that time. But here we are in 1935, 20 years older, and many of us have never been together during that time.

To those of us who live here in Manhattan and see each other from time to time, I find one of the things we look forward to most is the year when the fifteeners will be coming back. Let's make a resolution now to load

the family in the car and come to the reunion that will take place on May 25. Drop Kenney Ford or myself a line saying that you will be here. It will encourage others who will be anxious to see you.

Very truly yours,
James W. Linn, class of '15.

Class of 1920:

As a resident of Manhattan I have been asked to write an invitation to all members of the class of '20 to come to the college May 25 to 27, inclusive, for commencement, and also to celebrate the fifteenth anniversary of our graduation.

It will probably be necessary to place such members as Ike Gatz, Ellet Robison, and Ding Burton under a \$1,000 peace bond. They might decide to steal the shepherd's crook again. However, if this is necessary we will refer it to the eminent attorney, Jack Frost, of track fame, and I am sure he can arrange the matter.

If the reunion is to be a success each member of the class must make plans to be here and also urge all other members to come.

There are seven members of the class living in Manhattan and we will act as your local committee if you wish to work out a program so we can all meet together and renew acquaintances.

Please write and give us your ideas and be sure to let us know if you will be here.

Sincerely,
C. J. Medlin, '20.

To the class of 1925:

CALLING ALL CARS—

CALLING ALL CARS—

CALLING ALL CARS—

Lost, strayed or stolen—a flock of sheep hides, bearing the brand "1925" on the left side. These were taken from Kansas State college campus sometime around the close of the spring semester, 1925. Search all highways, byways, hills, valleys, and dales. Three hundred and sixty-two of these hides, neatly rolled and tied with ribbons, were rustled, hustled, or busted away to 37 states of the union and six foreign countries. We have it from good authority that "Mary has a Little Lamb"—Try to find Mary and place her under arrest (she needs a rest). These guilty parties must be located and extradited to Manhattan, Kan., not later than May 25, 1935.

CALLING ALL CLASSMATES—

CALLING ALL CLASSMATES—

CALLING ALL CLASSMATES—

Members of the class of '25 you are hereby subpoenaed to appear before the court of Judge Will B. A. Goodtime (said court will be in session May 25, 26, and 27, 1935), to show reason why you be not adjudged guilty of neglecting to write the class secretary an informative letter. After the court adjourns, sine die, there will be an indignation meeting of the accused, at which time refreshments will be served and a splendid program will be the next case on the court docket.

THIRD DEGREE—It has been just ten (10) years since you carried off that little innocent lambkin. It is up to you now to "come clean," take the law in your own hands, and remember that the key to the campus is at your disposal, May 25, 26, and 27, 1935.

Frank L. Myers, '25,
"Electric Chairman."

Class of 1930:

Harken to the reunion call. Come one—come all to this first call on our fifth anniversary. Let us gather in rendezvous to honor our brethren of '35. Hash over golden memories of the past, renew old ties of friendship and unite again in laying plans for a better tomorrow.

Local classmates of Manhattan, some 20 strong, welcome you (with plans to follow). Let us come early and attend the annual alumni meeting and banquet Saturday afternoon and evening, May 25, and enjoy all the thrills of students in our reunion.

Fraternally yours,
R. D. Caughron, committee chairman.

BIRTHS

Raymond Cilek, f. s., and Mary Frances (Maxwell) Cilek, '30, of Jennings announce the birth of a daughter, Patricia Louise, on March 21.

Clarence D. Walker, f. s. '24, and Vesta (West) Walker, '27, are the parents of a son, Jonathan Lyle, born April 13. Mr. and Mrs. Walker live at 1915 Anderson, Manhattan.

Robert Nulty, f. s. '30, and Florence (Sederlin) Nulty, '29, announce the birth of a son, Robert Dennis, April 5. Mr. and Mrs. Nulty live at 18709 San Juan drive, Detroit, Mich.

Music Majors Repeat Opera

College music majors presented an adaptation of "Hansel and Gretel," Humperdinck-Wette's famous children's opera again Tuesday afternoon in the college auditorium. Woodrow Wilson school children made the choruses. Miss Ruth Hartman, under whose supervision all practice teaching of music education students is done, directed the opera. It had been given April 12 in the high school auditorium.

Moore to Fort Sheridan

Virgil S. Moore, Altoona, a second lieutenant in the coast artillery reserve, was ordered to Fort Sheridan, Ill., for a two weeks period of active duty training beginning April 14. Moore, an advanced R. O. T. C. student, was graduated from Kansas State college last spring.

AMONG THE ALUMNI

Wirt S. Myers, '81, is living at 1614 West Fifty-fourth street, Chattanooga, Tenn.

George Wildin, '92, is an engineer with the Westinghouse Air Brake company, Pittsburgh, Pa. His address is 207 Westinghouse building.

Ina F. Cowles, '01, is an associate professor of clothing and textiles at Kansas State college. She lives at 513 North Sixteenth, Manhattan.

Louis B. Bender, '04, is a lieutenant-colonel in the United States army. He is in charge of the aircraft radio development laboratory at Wright Field, Dayton, Ohio. His address is 195 East Lane avenue, Columbus, Ohio.

W. H. Harold, '05, is an engineer and manufacturer in Walla Walla, Wash. He lives at 115 East Birch, Walla Walla.

Perry A. Cooley, '06, is director of commercial subjects at the Cleveland Heights high school, Cleveland Heights, Ohio. His address is 3533 Raymond boulevard, Cleveland Heights.

Blanche (Ingersoll) Seder, '11, is living at 409 North Grove avenue, Oak Park, Ill. Mrs. Seder spends each winter in Tucson, Ariz.

Elmer F. Kittell, '12, and Mabel (Hammond) Kittell, '11, are living at 6321 Warner drive, Los Angeles, Calif.

Dr. G. W. Hill, '12, 927 Golden avenue, Topeka, has a temporary appointment in the United States bureau of animal industry in tuberculosis eradication work in Kansas.

W. R. Jones, '13, is a physician and surgeon at Canton.

Florence Carvin, '13, is home demonstration agent of Jackson county, Missouri. She lives at 625 West Maple, apartment 305, Independence, Mo.

John W. Allen, '14, is farming at Anness.

Homer C. McNamara, '14, is associate agronomist and superintendent at the United States cotton breeding field station at Greenville, Tex. He is doing work with cotton production and cotton diseases.

E. G. Shaad, '14, is principal of the Union academy at Belleville, N. Y.

Louis Geisendorf, '15, is combustion efficiency technician for the Cities Service Oil company at Oklahoma City, Okla. He lives at 1605 Euclid, Oklahoma City.

Arthur E. McClymonds, '15, is regional director of the soil erosion work at Colorado Springs, Colo. He and Margaret (Bruce) McClymonds, '16, live at 1137 East Platte avenue, Colorado Springs, Colo.

MARRIAGES

LIGHT—MORGAN

Leora Light, '34, and Lee Morgan, '34, were married April 21 at the home of the bride's parents in Liberal. They are at home at Dalhart, Tex., where Mr. Morgan is engaged in soil erosion work.

HARNER—HOOP

The marriage of Elizabeth Harner, Murdock, and John A. Hoop, '29, took place April 7. Mrs. Hoop has been teaching home economics in the Medicine Lodge high school. Mr. Hoop is assistant work supervisor for the Meade county relief administration. They are living at Meade.

CURTIS—YOWELL

The marriage of Esther Curtis, Manhattan, and Allen Yowell, f. s. '28, took place March 21. Mrs. Yowell has been employed as office assistant to Dr. J. D. Colt, Jr., in Manhattan. Mr. Yowell is employed by the Newman Fox Motor company in Kansas City where they have made their home.

SCHEU—RYAN

The marriage of Louise Scheu, '33, and James T. Ryan, both of Manhattan, took place April 25 at the home of the bride's parents. Mr. Ryan is assistant cashier in the First National bank in Manhattan. Mrs. Ryan has been employed as a stenographer with the agricultural adjustment administration in Manhattan. They will live in Manhattan.

DUST STORMS PRESENT PUZZLE FOR ENGINEERS

KLOEFFLER GOES TO STUDY UNUSUAL SITUATION

Grounding Static Electricity on High Voltage Lines Becomes Problem When Lightning Arresters Burn Out Continually

Static electricity created by dust storms has caused a serious and unusual situation in some parts of the state relative to domestic users of current from high voltage power lines, it was discovered by R. G. Kloeffler, head of the college department of electrical engineering, on a recent trip through the dust area.

Static charges accumulating on transmission lines due to the electricity carried by dust particles has to find its way to the ground, and in doing so has taken out nearly all the pole type lightning arresters on transmission lines in dust areas, Professor Kloeffler said.

ARRESTERS BURNED OUT

Lightning arresters are designed to care for heavy voltage discharges at relatively rare intervals, whereas the discharge from static accumulation on the lines takes place from 10 to 30 times a minute. Apparently each discharge of static is followed by some line current, due to power voltage, and this produces sufficient heat to burn out the lightning arresters in a short time.

Failure of the arresters on the high voltage side of the transformers permits "surges" caused by the static discharges to pass through the transformers and pass along the distribution lines in some small towns. In one small community—Levant—these surges served to burn out all the radios and electric motors. Communities having their own power-generating plants serving distribution lines directly were not affected, as long transmission lines are not used.

Some difficulty is anticipated in the event of severe electrical storms in the affected area, due to absence of lightning arresters. Replacement has been attempted, but the replacements burned out rapidly.

Professor Kloeffler and his assistants made some tests as to the nature of the electrical charge carried by the dust.

THE DUST INTERFERES

They were forced to abandon an attempt to drive east from Colby on April 13. About three miles out of town visibility was so poor that the driver could not see the road. The car stalled, and did not start when grounded, Professor Kloeffler said, but finally was started by filing the distributor points. The driver was then "piloted" back to Colby by members of the party who took turns walking by the right front fender to signal distances from the ditch. The "pilot" wore a wet-handkerchief mask.

ALUMNI LOAN FUND OFFERS UNIQUE AID, SAYS GRIMES

In Eight Months, 770 Loans Made to 400 Needy Students, Record Shows

From September 1 to April 30 of the present school year 770 loans have been made to students from the Alumni Loan fund, Dr. W. E. Grimes, '13, treasurer, said today. This represents approximately 400 students, since some of them received more than one loan.

The loans this year have averaged smaller in amount than in years preceding the depression, the treasurer explained. Students are economizing and borrowing the least amount they can possibly get along with.

"These facts are mute testimony of the outstanding and unique service rendered by the Alumni Loan fund," Doctor Grimes added. "This fund is placing a college education within the reach of hundreds of Kansas young men and women who otherwise would be unable to secure such training. The high esteem in which those who have borrowed hold this fund is well illustrated by the record in repaying loans. To date, no loans have been charged off as uncollectable. Few are in arrears. Payments are received from all states of the union and from many foreign lands."

Alumni support for the loan fund through payments for life memberships is increasing, according to Kenney Ford, alumni secretary. He reports the following who have com-

pleted payments for life memberships since September 1, 1934:

Josephine Baker, '34, Longford; John W. Ballard, '26, Topeka; Marion Brookover, '22, Hutchinson; William J. Conover, '32, Hays; Nellie Dilsaver, '31, Great Bend; C. R. Enlow, '20, Washington, D. C.; E. O. Graper, '13, Smith Center; C. E. Hammett, '29, Chicago, Ill.; Emil E. Larson, '29, Kansas City; Barbara Lautz, '34, Amarillo, Tex.; Eugenia (Fairman) McNall, '10, Madison, Wis.; Amer B. and Mamie (Frey) Nystrom, '07, Washington, D. C.; William F. Pickett, '17, K. S. C.; Galen S. Quantie, '30, K. S. C.; Harry E. Schaulis, '29, Clay Center; Zeph-erine (Towne) Shaffer, '11, Des Moines, Iowa; Richard W. Stumbo, '31, St. John; L. G. Wieneke, '30, Batoum, U. S. S. R.; and Frank Zitnik, '31, La Crosse.

There are now a total of 673 paid-up life members in the alumni association.

SOCIALISM DOESN'T APPEAL TO KANSAS CO-OP LEADERS

They Prefer to Steer Middle Course, Annual Conference at College Indicates

Agricultural cooperatives of Kansas don't want to go far enough on the cooperation idea to reach a condition of state socialism. Neither do they wish to sit idly and see conditions revert to extreme individualism. That much was evident at a two-day conference of cooperative workers held at the college April 18-19.

The cooperative leaders are going to steer a middle course, they said in their discussions of current problems. They want the profit system maintained, with just enough cooperative effort to keep economic conditions well in hand.

Around 150 attended the conference, hearing among other speakers Ralph Snyder, president of the Wichita bank for cooperatives; R. M. Green, agricultural economist of the farm credit administration; Dr. F. F. Elliott, chief of the AAA production planning section; and Dr. W. E. Grimes of the college agricultural economics department who was in charge of arrangements.

Doctor Elliott said the time might come when local organizations would handle virtually all of the agricultural adjustment administration projects. It certainly will move in the direction of giving the farmers more voice in the projects, with only as much help from above as is needed, he said.

COLLEGE STUDENTS VISIT NELSON GALLERY EXHIBIT

Doctor Langford, Miss Barfoot, Escort Class to Kansas City

The Nelson Gallery of Art in Kansas City has been a veritable Mecca for students of the department of art and architecture during this school year, their teachers acting as guides and interpreters. Two such groups were in Kansas City last week to see the exhibition celebrating 100 years of French painting. Dr. Roy Langford of the department of education took down his class in psychology of art; Miss Dorothy Barfoot of the art department took members of her class in principles of art II.

MANHATTAN MUSIC CLUB SPONSORS ENGLISH FILM

Life and Music of Franz Schubert Presented in Show

The life of Franz Schubert is told in the film, "Lover Divine," to be presented in the Varsity theater May 9, 10, and 11. This English film, the music of which is Schubert's "The Unfinished Symphony," is being sponsored by the Manhattan Music club. Money raised will start a scholarship fund for the local club.

Ward over N. B. C. Hookup

Walter G. Ward of the extension division, now in Washington, D. C., on leave, recently gave an address on a national radio program over the N. B. C. network. His subject was in connection with the national housing act and the way it applies to the rural home.

Weigel, Helm to Salina

Prof. Paul Weigel and John Helm, Jr., both of the department of architecture, will attend the meeting of the Kansas State Federation of Art in Salina Saturday. Professor Weigel is president of the organization; Mr. Helm, secretary-treasurer.

WILDCAT BASEBALL NINE PLAYS 7 GAMES IN 9 DAYS

Kansas State Defeats Nebraska in First Home Contest by 20 to 3 Score

Kansas State started a string of seven baseball games to be played in nine days by defeating Nebraska university 20 to 3 in a game on the diamond here last Friday. Kansas State got 25 hits and was helped by nine Nebraska errors. A dust storm threatened for a time to halt proceedings.

Frank Cooley, Wildcat sophomore pitcher, limited the visitors to one hit until the sixth, when the Huskers got three safeties, including Baker's home run. The first six Kansas State men to bat in the fifth got hits ranging from singles to triples.

Score by innings:

	R	H	E
Nebraska	000	012	000—3
Kansas State	152	164	10x—20

Batteries—Nebraska: Carson, Wampler, Joyce, Severson, and Pohlman; Kansas State: Cooley, Scott, and Jessup, Stuckey, Umpire, O. L. Cochrane.

Nebraska won a much closer second game 8 to 7, staving off a ninth inning Kansas State rally. With the Wildcats trailing by a run, Ernest Jessup, first up, hit a double. The next two men flied out, but Wildcat hopes soared when Wierenga hit a smart single to center field. Joyce of Nebraska fielded it nicely, however, and his throw at the plate nipped Jessup trying to score, and the game was over. Winchester and Asbill of Kansas State and Carstensen, Nebraska, hit home runs.

Score by innings:

	R	H	E
Nebraska	221	020	010—8
Kansas State	231	000	010—7

Batteries—Nebraska: Spurlock and Pohlman; Kansas State: Cooley, Abbott, Scott, and Jessup. Umpire, O. L. Cochrane.

Missouri brought a much improved nine to Manhattan and broke into the Big Six victory column on Monday by defeating Kansas State 8 to 3. For the first four innings it was a pitcher's battle with neither team scoring, but in the fifth Beyer, Wildcat sophomore, began issuing passes and his team-mates gave him poor support. The result was that Missouri got four runs without a hit, the scoring coming on four walks, a balk, and two errors. Beyer continued to issue walks in the sixth, and Scott and Witse finished. Missouri was out-hit, but Beer, aided by two double plays, kept the Wildcats scoreless until the ninth when two hits and two Missouri errors, coupled with four stolen bases, netted three runs.

Score by innings:

	R	H	E
Missouri	000	041	300—8
Kansas State	000	000	003—3

Batteries—Missouri: Beer and Jorgensen; Kansas State: Beyer, Scott, Wiltse and Jessup, Stuckey. Umpires: O. L. Cochrane and B. A. Rogers.

A double header with Missouri was scheduled for Tuesday, and games with Nebraska at Lincoln for Friday and Saturday of this week.

SOILS OF WEST NOT RUINED BY WIND EROSION, PRODUCTIVITY REDUCED ONLY IN LOCAL AREAS

R. I. Throckmorton, Head Department of Agronomy, Kansas State College

Soils of the west have not been ruined by wind erosion, although this type of erosion has been the most severe in history in the western portion of the great plains this year because of the unprecedented drouth and the physical condition of the soil.

It has been severe primarily because of the vast region over which it extended and because of its duration rather than the degree to which it has taken place in any one locality. During periods of soil blowing in the past, conditions have been just as severe in local areas as they have been this year. This season the fact that climatic conditions have been favorable for the movement of the dust by the wind for hundreds of miles and that erosion has taken place over a wide area has made the condition spectacular.

Although wind erosion has transported enormous quantities of soil from the cultivated fields of the west, it has not seriously injured the crop producing capacity of the region. Soils have been permanently reduced in productivity only in local areas such as the more exposed spots and in the sandy regions. In the remainder of this vast territory the actual removal of soil from the fields has been slight. The amount of soil removed from most fields by wind ero-

sion is less than the amount that is frequently removed by water erosion from some of the rolling to sloping cultivated lands farther east during one heavy rain.

With the exception of the local areas mentioned, the soils of the west will again produce good yields of adapted crops. With abundant rainfall during the remainder of the season this region can produce large quantities of corn, grain, and forage sorghums this year and if properly prepared will be in excellent condition for the seeding of wheat next fall.

In some sections of western Kansas soils were severely eroded by wind more than 20 years ago but were not ruined. They produced excellent yields of corn, wheat, barley, and sorghums since that time when climatic conditions were favorable. As nearly as can be determined by observation they are as productive as are adjacent soils not wind blown.

Most of the soils of the western great plains have not been ruined, but if serious injury is to be avoided it is important that everything possible be done to prevent further erosion. If proper methods of cultivation and soil management are practiced much can be done to prevent a repetition of the condition that exists this year.

R. C. LANGFORD NEW HEAD OF FRIENDS OF ART GROUP

Wood Block by Herschel Logan Will Be 1935 Gift Print of Kansas State Society

Dr. R. C. Langford of the department of psychology was elected president of the Friends of Art group for 1935-36 at the annual meeting of the society in Recreation center Tuesday.

Other officers chosen were: Vice-president, Prof. Charles Matthews; secretary-treasurer, Miss Thirza Mossman, assistant professor; members-at-large of the executive committee, Mrs. Guy Varney, A. F. Peine. Professors Dorothy Barfoot and Paul Weigel are permanent members of the committee, as heads of the departments of art and architecture.

The executive committee acts as the society's jury of selection, and transacts business for the society in the interim between meetings.

The gift print for 1935 was announced as "Woodside Hut," by Herschel Logan, Salina.

Jesson at Organists' Convention

Richard Jesson of the department of music will play two numbers at the annual meeting of the Tri-State branch of American Guild of Organists Thursday, May 2, in Lawrence. The three states whose organists gather thus bi-annually are Texas,

Oklahoma, and Kansas. Four others of the department who will attend both Wednesday and Thursday of the convention are: Miss Marion Pelton, of the faculty, and three students—Margaret Higdon, Lucille Hurdon, and Don Engle.

JUNIOR THEATER PLAYERS CELEBRATE YEAR'S WORK

Fifteen Kansas State Women Active in Organization

Ten Kansas State alumnae and three former faculty members had a prominent part in the Junior Theater Players first annual "Birthday Party" Monday night, April 22, in Recreation center. Organized as a group within the A. A. U. W., the 52 members of the players have presented three plays during the first year of its existence, one being the twice presented three-act play "Aladdin."

Mrs. Blanche Evans Forrester, '27, has been director of the plays. Other alumnae active in the theatrical group have been Aileen Hull Paslay, '30; Rachel Hurley Fry, '26; Lucille Whan Howells, '22; Mabel Vincent Ratts, '23; Darlene Grinstead Conover, '27; Agnes Bane Chartier, '29; Ruth Swenson Charles, '24; Ethel McKen Kipp, '08; and Virginia Gibson, M. S. '32. Erstwhile faculty members are Mae Miles Colt, Doris Chapman Sherer, Gratia Burns Beals; present time faculty member, Helen Hostetter; faculty wife, Mrs. F. C. Fenton.

"Our first aim is to give this generation of children some appreciation of the legitimate stage, which in many middle west communities is almost non-existent," declared Mrs. Forrester.

THIRTY WOMEN COMPLETE NURSERY SCHOOL TRAINING

Leave to Man Emergency Schools of State

The 30 nursery school teachers, who spent a month intensively studying nursery school methods here at Kansas State college, left last Thursday to man the various nursery schools over the state, made possible by government relief funds. All faculty members of the department of child welfare and eugenics and Dr. Martha Kramer, of the department of foods and nutrition who plans the noon lunches of the nursery school children, gave lectures on the various phases of the work. Each of the 30 did some assisting as well as observing in the nursery schools.

Doctor Kent Improving

Dr. Harry L. Kent, '13, president of the New Mexico College of Agriculture and Mechanic Arts, has been quite seriously ill with pneumonia. Doctor Kent has been suffering from paralysis of the arm and leg for about a month. He is slowly regaining the use of his arm, and he can now move his leg some. Although Doctor Kent is not able to receive visitors, his condition is reported as being much improved.

Of, by, and for Kansas State

Some of the purposes of the alumni association of Kansas State college are:

1. To promote the interests of Kansas State college.
2. To maintain the alumni loan fund for Kansas State college students.
3. To keep in touch with the graduates of the college.
4. To keep the alumni informed as to the progress and needs of the college.
5. To supply information to alumni about other alumni.
6. To sponsor local alumni associations in cities and counties where Kansas State alumni are located.
7. To stimulate and guide alumni activity in behalf of the college.
8. To assist with homecoming, parents' day, founders' day, and commencement activities.

Your active membership will mean a more successful alumni association.

☐ **Annual Membership \$3.00**
INDUSTRIALIST for One Year

Life Membership (INDUSTRIALIST for Life)

I, _____, of the _____ class of K. S. C. do hereby apply for life membership in the K. S. C. Alumni Association. In consideration I promise to pay the following amounts when due:

1. <input type="checkbox"/>	\$50.00 on or before.....1, 193....
2. <input type="checkbox"/>	\$50.00 in 10 successive monthly instalments of \$5 each, beginning.....1, 193....
3. <input type="checkbox"/>	\$13.00 on or before.....1, 193.... \$12.40 on or before June 1, 193.... \$11.80 on or before June 1, 193.... \$11.20 on or before June 1, 193.... \$10.60 on or before June 1, 193....

Signed.....

THE KANSAS INDUSTRIALIST

Volume 61

Kansas State College of Agriculture and Applied Science, Manhattan, Wednesday, May 8, 1935

Number 29

SOILS, CROPS RESEARCH ON FIELD DAY PROGRAM

VISITORS MAY HEAR MEN WHO
CONDUCT EXPERIMENTS

More Emphasis This Year on Pasture,
Sweet Clover, and Alfalfa at
Three-day Event May
14, 15, and 16

Citizens of Kansas will have an opportunity to become familiar with experimental work in soils and farm crops being conducted by the agricultural experiment station, at the annual agronomy field days here May 14, 15, and 16. The three-day event also offers opportunity for visitors to discuss experimental work with men who are actually conducting the experiments and to learn how results may apply to their conditions.

The first day, May 14, has been set aside for north central Kansas, May 15 for northeastern Kansas, and May 16 for south central and southeastern portions of the state. The divisions are made in order that men having common interests will be together on one day.

OTHER DEPARTMENTS COOPERATE

Departments of dairy husbandry, poultry husbandry, and horticulture will cooperate with the agronomy department. In this way visitors will have an opportunity to see the college dairy herds and equipment and talk with the staff of the department of dairy husbandry relative to research work. The same will be true of the poultry department.

The department of horticulture, with the assistance of the department of agronomy, will conduct tours of the campus and greenhouses and will offer a program on the care of lawns.

The program at the agronomy farm will start each afternoon at 1:30 o'clock. Although opportunity will be offered to visit the soil fertility and soil management experiments, and the grain seeding experiments, more emphasis than usual this year will be placed upon the pasture, sweet clover, and alfalfa work.

TO SEE NEW VARIETIES

Many will be interested in new varieties of wheat; others in new varieties of sweet clover. The clovers show much promise of being superior to older varieties for pasture purposes.

Bacterial wilt of alfalfa has caused serious losses. Considerable progress has been made in producing a variety that is resistant to the disease and growers will be interested in new developments.

Pasture experimental work is of great interest this year. Varieties such as brome grass survived the high temperatures and drouth of 1934 much better than did others. Visitors will have an opportunity to study this grass in the plots and under field conditions.

Everyone is invited to attend the field days and learn, in the departments of dairy husbandry and poultry husbandry in the mornings, and in the department of horticulture and agronomy in the afternoons, of the work that is being done.

MAN, 87 AND BLIND, ENJOYS COLLEGE OF THE AIR PROGRAM

Response to 'Mathematical Recreations'
Comes from Fayetteville, Ark.

Of many letters received by radio station KSAC, one recently from B. F. Wissler, 87 years old and blind, of 227 North Church street, Fayetteville, Ark., gives an indication of the valuable service which the college radio station is rendering, according to L. L. Longsdorf, program director.

This letter was received in response to the College of the Air talk, "Mathematical Recreations," presented by Prof. W. T. Stratton, department of mathematics. The letter, addressed to Mr. Stratton, follows: "I heard your address and since I am a mathematical fan I am writing for the list of problems you are pleased to send out.

"If they are free, send them on,

and if at a price please send bill. I am blind and therefore cannot recreate in reading. The typewriter affords me much pleasure, likewise the solution of hard problems gives me not only pleasure but mental exercise. I am nearly 87 years old and attribute much of my good health to these brain plays. Am able to solve mentally most algebraic and geometrical problems in which the numbers involved are not too large."

100 KANSAS SCHOOL GIRLS ATTENDED SECOND PLAY DAY

Eleven High Schools Send Delegates
for Annual Women's Physical
Education Event

One hundred high school girls and 10 teachers from 11 nearby towns took part in the second annual Play day sponsored by the women's physical education department here, last Saturday, May 4.

Girls in blue, green, or bright print romper suits and shorts swarmed over the campus and gymnasium. Nichols gymnasium was turned over to them for the day. The physical education majors had made gay cambric jackets for the guests, both for identification in group contests and for souvenirs afterward. The Colorado team wore purple jackets, the Turks green ones; others brown, white, red, blue, yellow, or orange.

Baseball and cage ball events took place on the campus; tenniquoit, volleyball, tumbling, bean bag toss, bean bag ball, hop scotch, and jacks were played in Nichols gymnasium.

"We were much pleased with the interest the high school girls showed in the events," commented Katherine Geyer, acting head of the women's physical education work this year. "Last year, when we had the first Play day, only about 60 came, including the teachers, and nine schools were represented. Saturday we had 119 at our luncheon—including some of our own girls. The day's activities ended with a tea at 4 in Recreation center."

630 HIGH SCHOOL GUESTS HERE HOSPITALITY WEEK

Four Boys Among 280 Entering Contests—42 Kansas Towns Send Delegates to Annual Event

The fifth annual Hospitality week of the home economics division brought 2,813 visitors to Calvin, Thompson, and Anderson halls' activities last Friday and Saturday. Out-of-town guests who registered totalled 630 people, from 42 Kansas high schools. Each high school sent its home economics teacher with its student delegation, and 34 of the 42 teachers are Kansas State college graduates.

Marysville sent the largest group—52 persons. Hill City, Fort Scott, and Oberlin were among the more distant places represented.

Of the 630 out-of-town visitors 280 entered the contests. Cleburne high school sent a group of four boys, all of whom entered the foods contest, and one of the boys, George Smerchek, scored high enough that he won one of the prize cook books.

"It was a highly satisfactory Hospitality week," declared Dean Margaret M. Justin, of this student project. "Our high school student guests were most of all interested in the contests, and themselves suggested that hereafter the answers to contest questions be given out directly after the tests, so that the entrants may know if they had been correct. We shall act upon that suggestion next spring. The evening banquet, too, they found thrilling, and the tea."

Elizabeth Walbert, Columbus, was toastmistress Saturday night at Thompson hall at the banquet, which had for its theme consumer education. Those who responded to toasts were Ruth Jorgenson, Manhattan; Elizabeth Pittman, Fergus, Mont.; and Dean Justin. Elizabeth Campbell, Wetmore, gave a whistling solo.

IMPORTANT LESSONS FOR CATTLE FEEDERS MAY 24

PROGRAM BROADER IN SCOPE DUE
TO ACUTE PROBLEMS

Special Consideration Given Outlook
for Livestock Prices, Pasture Problems, Crops for Silage, and
Utilization of Feeds

Important lessons emphasized by the drouth, the livestock price outlook, the pasture situation, and adaptability of feeds, are included in the topics to be discussed at the twenty-third annual Cattle Feeders' day which will be Friday, May 24, at Kansas State college.

Because of many acute problems confronting cattlemen this year's program will be broader in scope than previously. Presiding at the morning session which will begin at 9:30 will be W. H. Burke of Little River, president of the Kansas Livestock association.

STAFF MEN TO TALK

The welcome will be by Dr. F. D. Farrell, president of the college. The livestock price outlook will be discussed by Dr. W. E. Grimes, and the pasture situation by Prof. A. E. Aldous, both of the staff. A prominent outside speaker is yet to be announced for this session.

Lunch at noon will be served by the Block and Bridle club of the college. During the afternoon session, beginning at 1 o'clock, Dr. C. W. McCampbell will discuss an important lesson emphasized by the drouth. Other scheduled talks by college men: adaptability of varieties of corn and sorghum to different sections of Kansas, by Prof. R. I. Throckmorton; a report on cattle feeding tests the past winter, by A. D. Weber, and a question box by Doctor McCampbell.

CONSIDER SPECIAL PROBLEMS

Special consideration will be given the outlook for livestock prices, current pasture problems, crops for silage, and various aspects of the conservation and efficient utilization of feed crops. Results obtained at the college during the past winter with tankage, molasses, cottonseed hulls, and immature corn silage in wintering rations for two-year-old heifers and yearling steers will be released at the meeting.

Although there will be no exhibit of experimental cattle the college herds of purebred Herefords, Shorthorns, and Aberdeen-Angus will be inspected from 8:30 to 9:30 o'clock in the morning.

DANFORTH FELLOWSHIP TO KANSAS STATE STUDENT

Lloyd Wayne Herring, Tulsa, Tex., One
of 30 to Receive Award

Lloyd Wayne Herring, Tulsa, Tex., of the division of agriculture is one of 30 junior students at as many agricultural colleges in the central and eastern part of the United States who has been awarded the Danforth foundation fellowship. This is the seventh year a Danforth fellowship award has been made to a student of Kansas State college.

This fellowship covers the cost of two weeks of leadership training at the American Youth Foundation camp on Lake Michigan at Shelby, Mich., and two weeks of business and educational training at St. Louis, Mo., where students have an opportunity to study problems of manufacturing, sales, promotion, grain exchanges, stockyards, research laboratories, and farm management. The fellowship covers the student's expenses while at St. Louis and transportation and expenses from St. Louis to Shelby, Mich.

HART AND EICHOLTZ HEAD 1936 ROYAL PURPLE STAFF

Both Were Members of the 1935 Year-
book Staff

George Hart was named editor and George Eicholtz business manager of the 1936 Royal Purple by the publications board at a meeting this week. Hart was assistant editor and snap-

shot editor, and Eicholtz was assistant business manager of the 1935 yearbook.

These two candidates were selected from a group of four applicants by the publications board which is composed of three student members and three journalism faculty members.

Hart is a sophomore in industrial journalism and a member of Sigma Phi Epsilon fraternity. Eicholtz is a Sigma Nu and a junior in architectural engineering.

PHI KAPPA PHI HONORS 33 SENIORS AND GRADUATES

Annual Spring Recognition Assembly
of Scholarship Society Thursday
in Auditorium

Thirty-three Kansas State college seniors and graduate students who will tomorrow be honored at the annual spring recognition assembly of Phi Kappa Phi, national scholarship society, were today announced by Prof. Stella M. Harriss, president of the local chapter.

To be eligible to election to Phi Kappa Phi seniors must rank in the upper 10 per cent of their class scholastically. Dr. J. T. Willard, vice-president of the college, will deliver the recognition assembly address. Seniors who have just been elected to the society:

Division of agriculture—A. Glenn Pickett, Americus; Donald Risdon Cornelius, Wheaton; Ralph Danforth Shipp, Agra; J. Forest Wolf, Manhattan.

Division of engineering—Maurice Wilson Horrell, Baldwin; Ruth Elizabeth Langenwalter, Wichita; Howard Elliott Rivers, Hutchinson; Dean Edwin Swift, Olathe; Alan Maxwell Schaible, Fairview; William Lovejoy Dole, Almena; Arnold Joseph Churchill, Junction City; Warren William DeLapp, Elk City; Carl James Chappell, Republic; Wendell Dubbs, Ransom; Victor Hopeman, Independence.

Division of graduate study—Margaret Jeanne Tabor, Manhattan; Ivan Pratt, Hope.

Division of home economics—Althea Leonore Keller, Enterprise; Ruth Wilson, Topeka; Ruth Elizabeth Jorgenson, Manhattan; Lenore Vinneal Converse, Harveyville.

Division of general science—Helen Louise Vickburg, Talmage; Donald Baker Parrish, Ft. Scott; Edmund Peter Marx, Spencer, Nebr.; Anna Marie Edwards, Athol; Winifred Wolf, Ottawa; Bernice Eileen Covey, Miltonvale; John McPherson Rutherford, Manhattan; Dwight Pell Teed, Weskan; William David Fitch, Manhattan.

Division of veterinary medicine—Joseph Frank Knappenberger, Penasola; Donald Clifford Kelley, Great Bend; Herbert Henry Fechner, Stanton, Nebr.

COMMENCEMENT WEEK

SATURDAY, MAY 25

Alumni Day

Class Reunions

'80	'00	'20
'85	'05	'25
'90	'10	'30
'95	'15	

12:00 noon. Class luncheons.
2:00 p. m. Alumni business meeting, Recreation center.
6:00 p. m. Alumni banquet to seniors, Nichols gymnasium.

SUNDAY, MAY 26

4:00 p. m. Commencement concert, auditorium.
7:40 p. m. Academic procession.
8:00 p. m. Baccalaureate services, Memorial stadium. Sermon by Most Reverend Francis C. Kelley, Bishop of Oklahoma City and Tulsa, Oklahoma City, Okla.

MONDAY, MAY 27

4:00 to 5:30 p. m. Alumni-Senior reception, president's residence.
7:40 p. m. Academic procession.
8:00 p. m. Graduation exercises, Memorial stadium. Address by Dr. Francis David Farrell, president of Kansas State College of Agriculture and Applied Science, Manhattan.

'APPLIED SCHOLARSHIP' HONORED IN ASSEMBLY

TWELFTH ANNUAL RECOGNITION
DAY FOR STUDENTS

Deans Call and Holton Address Students
Cited in 447 Awards, Ranging from
Cash Prizes to Membership in
Honor Organizations

The twelfth annual Recognition day assembly last Friday morning, May 3, honored students of three general classes: those who had achieved honors through scholastic competition, those who had competed for and won awards, and those elected to scholarship fraternities as recognition of their exceptional ability.

Dean L. E. Call, who presided, pointed out that it was not purely grades which had brought the honors celebrated that morning, but applied scholarship, ability to use what had been learned in the class room.

The unsolved social and economic problems brought on by this technological period were referred to by Dr. E. L. Holton, dean of the summer school, who gave the concluding address. "These problems must be solved by our educational leaders or revolution is inevitable. A dictator is a possibility in this country." He pointed out the peculiar advantages of a land grant college, such as Kansas State college, for the training of persons to aid in solving the problems of a scientific age.

He told of the 409 courses to be offered in this year's summer school and taught by 173 teachers, in both a four-week and a nine-week session. Kansas State college, he declared, does not advertise a vacation environment, for such a one is not satisfactory for work.

The list of awards follows:

DIVISION OF AGRICULTURE

Intercollegiate judging teams: Live stock judging—Lee J. Brewer (alt.), Clifford L. Harding, Walter M. Lewis, Charles E. Murphey, Charlie B. Team, Albert A. Thornbrough, Maurice I. Wyckoff (alt.).

Meat judging—Philip W. Ljungdahl, J. Edwin McCollm, Howard A. Moreen, (alt.), Herbert T. Niles, Robert R. Teagarden (alt.).

Dairy cattle judging—Forrest R. Fansher, Philip W. Ljungdahl, Howard A. Moreen, Lester A. Zerbe (alt.).

Dairy products judging—Everett L. Byers, Marion B. Noland (alt.), Dean D. Scott, J. Sherman Todd.

Crops judging—J. Raymond Dicken, Lewis S. Evans, Frank G. Parsons (alt.), George A. Rogler.

Poultry judging—Irving B. Hawk, Leonard F. Miller, John R. Patton, Lloyd J. Sconce, Ned O. Thompson.

Elections to honorary fraternities: Gamma Sigma Delta (undergraduates)—Donald R. Cornelius, Leslie W. King, George L. McCollm, Charles E. Murphey, Frank G. Parsons, Robert E. Phillips, Jr., George A. Rogler, Gerald A. Simpson, Albert A. Thornbrough, J. Forest Wolf, Joseph L. Cavanaugh (Vet. Med.), Lawrence C. Donat (Vet. Med.), Herbert H. Fechner (Vet. Med.), Oscar F. Fischer (Vet. Med.), Donald C. Kelley (Vet. Med.), Joseph F. Knappenberger (Vet. Med.), Edgar W. Millenbruck (Vet. Med.), Theodore S. Williams (Vet. Med.), Victor Hopeman (Agr. Engr.).

Alpha Zeta—Clarence L. Bell, J. Raymond Dicken, Raymond J. Doll, H. Frederick Dudge, Fred L. Fair, L. Wayne Herring, Leslie W. King, Robert T. Latta, Horton M. Laude, George L. McCollm, Leonard F. Miller, Emory L. Morgan, Earl W. Parsons, A. Glenn Pickett, Clare R. Porter, Oren J. Reusser, Lebert R. Shultz, Wilton B. Thomas, Ned O. Thompson, Leon E. Wenger, J. Forest Wolf.

Alpha Zeta freshman scholarship medals awarded to Robert T. Latta and Oren J. Reusser.

ENGINEERING

Department of architecture—American Institute of Architects' awards: for architectural design, Howard E. Rivers—medal; architectural engineering, Dwight L. Gillidett—book "Mont-Saint-Michel and Chartres"; for service to the department, Caspar C. Winter—book "Mont-Saint-Michel and Chartres."

Alpha Rho Chi award: For leadership, service, and professional merit, Ruth E. Langenwalter—medal.

Department of civil engineering—Kansas Section, American Society of Civil Engineers award, for excellence in civil engineering: Fred J. Benson—initiation fee.

Department of electrical engineering Faculty prizes to seniors for excellence in electrical engineering: Junior H. Howard—gold medal, Wilbur E. Combs—silver medal. To juniors for excellence in all work: James W. York—gold medal, Thomas C. Wherry—silver medal.

Department of mechanical engineering—American Society of Mechanical Engineers award for a professional paper: Harvey C. Bates—\$10.

(Concluded on alumni page)

The KANSAS INDUSTRIALIST

Established April 24, 1875

F. D. FARRELL, PRESIDENT..... Editor-in-Chief
R. E. CHARLES..... Managing Editor
R. I. THACKREY, H. P. HOSTETTER,
RALPH LASHBROOK..... Assoc. Editors
KENNETH L. FORD..... ALUMNI EDITOR

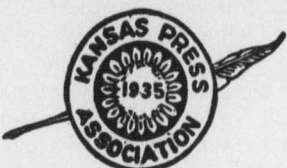
Published weekly during the college year by the Kansas State College of Agriculture and Applied Science, Manhattan, Kansas.

Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. C. E. Rogers is head.

The price of THE KANSAS INDUSTRIALIST is \$3 a year, payable in advance.

Entered at the postoffice, Manhattan, Kansas, as second-class matter October 27, 1918. Act of July 16, 1894.

Make checks and drafts payable to the K. S. C. Alumni association, Manhattan. Subscriptions for all alumni and former students, \$3 a year; life subscriptions, \$50 cash or in installments. Membership in alumni association included.



WEDNESDAY, MAY 8, 1935

TURNING ATTENTION TO GRASS

Next to the irritation caused Kansas farmers by dust storms, the most pressing problem this spring has been one of pasture. Strangely enough, pasture in Kansas has seldom been a major problem in springtime. Often pastures dry up in the heat and drouth of summer, but when haven't Kansas and her neighbors been able to turn the livestock out on lush grasses in April and May?

From western Kansas, cattlemen have come by the hundreds, seeking grass in eastern counties. They found the eastern Kansas farmer in a modified stage of the same predicament. Hundreds of stockmen have run up and down the state, looking for grass, but there wasn't enough to go around, and the quality of most of it was much below normal.

The situation has at least one advantage. It has turned attention sharply to a major phase of farming that has been neglected by the rank and file of farmers. Agronomists say pasture—if it is good pasture—is the cheapest source of feed. Yet Kansas pastures have been given the least attention. The English boast that they have their best land in pasture. In this country, we run the livestock on the roughest, least fertile land we have. We allow it to be overgrazed. We let erosion make the land even less fertile than it was in the beginning.

Rain would be the best sort of help for our pastures. But in addition to that we need a lot of concentrated attention on weed eradication, reestablishment of the sod, avoidance of overgrazing, use of emergency pastures, and a dozen other vital points of pasture management. We have had this need brought painfully to mind. We ought to give it the attention it deserves.

MUSIC

Glee Club Recital

The three college glee clubs joined forces Sunday afternoon for an hour of song in the auditorium. Eighty-one voices united for the opening and closing numbers directed by Prof. William Lindquist, head of the music department. They were three Bach chorals: "Break Forth, O Beauteous, Heavenly Light," "Ah, Dear-est Jesus," and "With All Thy Hosts" for the prelude and the English folk song, "Twenty, Eighteen," arranged by Deems Taylor for the finale.

Music for every taste was certainly on the program. The three Russian folk songs sung by the men's club were an interesting contribution: the first bringing the well known Volga boatmen's song, with Professor Lindquist taking the solo part against the background of the club's voices; the second a short rapid number, "Fireflies"; the last, "At Father's Door," which gained in speed and volume as it progressed.

For me, two of the most enjoyed numbers were offered by the First Women's Glee club, conducted by Prof. Edwin Sayre: "Invocation to Saint Cecilia" and "Hymn to Vena—Sun Rising Through the Mist." The first with its piano and organ accompaniment, sung in part accapello, was quite moving; the second, with its slow recitative opening and harp

accompaniment invoked a really Oriental spirit.

Prof. Richard Jesson played a brilliant Bach number on the organ—"Toccata and Fugue in D Minor." Miss Hilda Grossmann's Second Women's Glee club sang two numbers. Professor Lindquist's men sang three chanteys and two numbers Spanish in flavor. Professor Sayre's club offered also two Brahms love songs, originally composed for two-piano and quartet, a Moussorgsky song, an Hungarian folk song, two Slavic folk songs.

Accompanists were Marion Pelton at the organ, Elizabeth Guthrie at the harp, Alice Jefferson, Charles Stratton, Richard Jesson, Geraldine Lennen, Mrs. Margaret Hendrickson, taking turns as pianists. Soloists were Berta Frickey, Patricia Irwin, Katherine Peterson, and R. E. Rion.—H. P. H.

Hansel and Gretel

A thoroughly delightful, light-hearted performance was the cutting of Hansel and Gretel staged last Tuesday afternoon, April 30, in the college auditorium. Music majors took the leading roles; the children of the fourth, fifth, and sixth grades in the Woodrow Wilson school made up the choruses and were the angels and cookie children. It is with these Woodrow Wilson children, by the way, that the Kansas State college students in music education get in their practice teaching.

Miss Ruth Hartman, of the college music department, through directing this opera-cutting brought forth a beautiful, artistic piece of work.

Mary LeBow made a sweet, graceful, and unselfconscious Gretel; both her singing and her acting deserve warm praise. Edythe Hutt as the Witch made pleasurable shivers traverse the spinal column of this reviewer. Her rasping voice and shrill, exultant laugh, her spiderish acting and good singing voice made her a decidedly satisfying character. Children in the audience sighed audibly when she was pushed headlong into her own fire.

Doris Dalton was a good Hansel. Eleanor Weller as the children's mother, Gertrude, and Leland Roberts as the father, Peter, did some good singing and acting.

The ensemble numbers of the grade school children were lovely—sung with evident enjoyment.

Sets for the opera, made by Jack Thomas, were unusually attractive—the bare little cottage with its empty pantry shelves, the charming witch's house with its crooked chimney and its decorations of real edible cookies.—H. P. H.

PLANTING AGAIN

Yesterday I saw a farm woman as she stood in the doorway watching the dust eddying and swirling across the parched fields and drifting a foot thick against the garden wall. And the woman said: "There is something in me which will plant and plant, and plant again."

"Oh, it's the pictures in the seed catalogs," said a clever cynic from town.

But isn't the seed catalogs. It isn't entirely the urge for bread. For the instinct for mere self-preservation would have driven the people of the Kansas and Nebraska plains into retreat a long time ago. In their persistence there is something of the gambler's daring, the fanatic's blindness, and the zealot's fire.

They are not stupid—these people. They are not gullible. They know how to discredit the seed catalog. They never reckon without the cyclone, the blizzard, the drouth, the dust storm, the late frost, the grasshoppers, and the bindweed. But they count their risks on the fingers of their two hands and then they close their eyes to risk and handicap. They remember only what wise men forget, that sometimes the desert does blossom as the rose, sometimes there are figs from thistles.

I really doubt that Kansas farmers would be satisfied to cultivate a willing soil which blossomed every year. At heart, and sometimes in actuality, they are the grim children of men who went down to the sea in ships. In their veins there is a cussedness which drives them to wrestle with a desert soil—to plant, and plant again.

And there is another phase of this planting instinct which even a town gardener can understand. And that is the keeping faith with living

things. On the day that you first scatter a handful of seed you incur a curious obligation. You may sit by your fire when the dry, sterile winds of December howl and when the twelfth month of the year marks the twelfth month of drouth, and you may say that never again will you turn the sod, never will you sow another seed or prune another rose-bush. And while you sit beside the fire you are safe.

But when you go into the early March garden you are lost. Here the sprouting tulips stand, row on row, like a gallant green army. Here the fragile apricot blossoms brave the dust storm. You touch the hedge with a pocket knife and you strike the living sap. A Japanese anemone

gineer was published as a 32-page magazine, under the editorship of W. A. Lathrop of Manhattan. P. E. Jackson, Downs, was manager of the magazine to be published once a term by the engineers' association.

THIRTY YEARS AGO

R. H. Brown's military band gave a concert in the opera house. Mr. Jackson played a concert polka on the euphonium and Mrs. Brown played two harp solos.

Doctor Mayo, chief of the department of animal industry and formerly of the college, was praised by President Palma in his message to the national congress of Cuba. President Palma requested an appropriation of

Discrimination Against Rural Youth

C. V. Williams

Until a different plan of organization and administration for one-room schools and rural high schools is established through legislative enactment, the development of the junior high school cannot take place in rural communities. This is regrettable, because in the eight-year elementary school under the direction of one teacher the curriculum includes so much review of knowledge and skills which have already been developed in the fifth and sixth grades that the school becomes monotonous for the seventh and eighth grade pupils. The one-room country school teacher faces a terrific problem in trying to meet the needs and interests of the seventh and eighth grade pupils; consequently, the work of these years is too much a case of "serving hash and left-overs" from the fifth and sixth grade years. This is about as attractive to the boy and girl in the seventh and eighth grades as it is for one to sit down at a boarding table where hash is frequently a part of the service. From the standpoint of life interests and urges of the seventh and eighth grade pupil the situation is a pathetic one.

With our present administrative set-up, rural boys and girls have little or no chance to benefit from proper school experiences through a modified curriculum during what should comprise the years of the junior high school. In our first and second class cities and in those third class cities where junior high schools have been organized on the 6-3-3 plan, there is organized for the development and advancement of the pupil, commonly from 12 to 14 years of age, a curriculum in which there is at once a modification of the amount and kind of subject matter which he has had in the fourth, fifth, and sixth grades and, in addition, some open time in which he is given the privilege, under proper guidance, to pursue and study those things in which his developing ego causes him to have some curiosity. He may thus have the chance to establish interests that will take him to senior high school with a much more definite purpose in mind than he could possibly have if he had been a student under the old eight-year elementary program that has become all too fixed by traditions of the past.

is sprouting just below the crusted surface soil. A blood-red fringed hollyhock that you transplanted last fall has defied the winter. Here a lily of the valley has struggled through the cracked and ruinous earth, and here a native violet, actually in bloom, smiles at you with a wan and very dirty face. What can you do? You can either keep faith and drag out the garden hose or you can betray these growing things and be, yourself, destroyed.—Marion Ellet in Kansas City Journal Post.

IN OLDER DAYS

From the Files of The Industrialist

TEN YEARS AGO

Geraldine Reboul of Phillipsburg placed second in the contest of the Women's State Oratorical association at Emporia.

Dr. F. D. Farrell, since March 2 acting president of the college, was made president, the appointment effective May 5.

The Thackrey family, with a 40 year record of unbroken attendance at the college, was to have a special reunion table at the alumni-senior banquet and a representative on the program.

TWENTY YEARS AGO

Dr. L. B. Jolley, '01, took office as mayor of North Chicago, one of the larger suburbs of the Illinois metropolis.

A chapter of Sigma Delta Chi, national journalistic fraternity, installed at the college, brought the chapters to a total of 22.

The first issue of the K. S. A. C. En-

\$40,000 to purchase land for stock-raising experiments.

FORTY YEARS AGO

A live Florida alligator was given to the college museum by John Metler.

The Manhattan Choral club, assisted by the amateur orchestra, the college cadet band, and the Ionian mandolin club, was to appear in a May festival at the opera house.

The class of '95 was entertained by Mrs. Kedzie and Mrs. Winchip. Four hayracks, upholstered with straw and lap robes, transported the seniors to the party. Informal social chats and singing around the organ were among the entertainment at the affair.

FIFTY YEARS AGO

A flurry of snow fell on May 7. The average age of students at the college was 19.59 years.

Among "the old boys who drop in occasionally, but none too often" were W. H. Sikes of Leonardville and B. Buchli, who was teaching at Mill Creek.

SIXTY YEARS AGO

Among the editorial correspondence was a letter from William K. Kedzie, written from Stratford-on-Avon, England.

A May basket was received by the Websters who "returned their hearty thanks to the ladies for favors bestowed, and for their continual manifestations of interest in the society."

Second thoughts, they say, are best.—Dryden.

PRAYERS OF STEEL

Carl Sandburg

Lay me on an anvil, O God.
Beat me and hammer me into a crow-bar.
Let me pry loose old walls;
Let me lift and loosen old foundations.
Lay me on an anvil, O God.

Beat me and hammer me into a steel spike.
Drive me into the girders that hold a skyscraper together.
Take red-hot rivets and fasten me into the central girders.
Let me be the great nail holding a skyscraper through blue nights into white stars.

SUNFLOWERS

H. W. D.

SO GERTRUDE STEIN MAY KNOW

Big things missed by Gertrude Stein in hurried jaunt America roundabout few weeks back was dust storm Kansas Texas and pity 'tis 'tis true Shakespeare etc for what can those particles never be anything but dust to us might for her be poetry who knows all she knows inside of her.

Notwithstanding all playing up dust storm beautifully by eastern press doubt she make head nor tail of way it written has been to make dumb-kluck easterners fear Sahara sprouting in our midst west is.

However maybe I make clear as day as day to Gertrude it being so opalescent like lampblack as tar or mud to me and us all over dust.

But must feel way slowly first by silly jingle disgusting maybe but what the who cares here goes off in a cloud of dust unto dust unto dust

If gifts like yours dear Gertrude Stein (a rose is a rose is a rose)
Were gifts that I could claim as mine (there's a wee gust of dust in my nose)

I'd write a book might drive you mad (dust on to dust on to dust)
From wishing you written it only had (if it aint from the fust just a bust)

Dust storm Gertrude worst is the of all storms worst storm dust just worst dust just from first. Dirty dust is worsty dirt when storm is dusty dry not wet all wet like aint a gonna rain no more but dry dust over under all in on. Dust dust away each day (much many many much day each) just dust away must and dust just dust dirty just must or else or else what else or else dust again in still there anyhow yet.

A cloud is a cloud is a cloud like a rose etc but not always so wet not all wet not at all wet but dirty dust like smoke in your eyes mouth nose ear is dusty dirt is dust in your face all over always is dust is a cloud is a cloud is a shame not necessarily at all wet and why bathe Saturday.

A farm is a farm is real estate real real estate stays put (says who says the law) stays put always not like property personal stays never put but real estate stays put except dust farm way up twenty thousand feet. Is a farm is a farm up high dust cloud Texas Nebraska Kansas Oklahoma maybe Texahoma Kanbraska Nebraska Kantexas who can tell who cares all over up thirty grand cloud awful high real estate dust up all over not stay put law or no law personal property of birds I guess.

Relief is relief is something, eh Gert, but dust unto dust sink or swim live or die survive perish we die for relief is relief from dust no not yet. List for relief from dust for relief list furrows earth to be earth in stays put real estate no dirty dust thirty grand up like farm for Kantexoklabraska way up on way to Washington AAA Tugwell relief from dust storm respectable dirt in listed furrow up again gone again overhead hitch hike Washington Tugwell AAA survive or dust dust dust better perish.

Oklabraska can take it can take it can Texcan Kancan tin can relief dust real estate Tugwell four billion eight hundred million we can take it watch us take it up high all over everything a dust storm is a dust storm mighty lak a rose is a rose is a weed but music reminds us rain it raineth every day but it aint a' gonna rain no more no more except relief maybe perhaps rain relief our only chance Gertrude Stein.

So what so what so what so what.

Thank God for tea! What would the world do without tea?—how did it exist? I am glad I was not born before tea.—Sydney Smith.

AMONG THE ALUMNI

Howard D. Matthews, '04, is manager of the thermostatic bimetal division of the General Plate company of Attleboro, Mass. He lives at 10 Grove street, Attleboro, Mass.

Ole J. Olsen, '07, is a farmer and stockman at Horton.

Esther E. Christensen, '08, is assistant director of the home economics tea room at the University of Texas. Her address is 2411 Whitis avenue, Austin, Tex.

Floyd E. Wilson, '10, is a salesman with the Buick-Pontiac division of General Motors corporation. He and Lucile (Forest) Wilson, '10, live at 1005 Koenigstein, Norfolk, Nebr.

A. Segel, '12, is a consulting engineer in Fresno, Calif. He lives at 1369 Wilson avenue, Fresno.

Earl H. Martin, '12, is an instructor of vocational agriculture in the Pratt high school. His address is 301 North Stout, Pratt.

Twyliah (Springer) Gaskill, '13, is living at 1918 East Thirtieth place, Tulsa, Okla.

Walter Landis Hoover, '13, is superintendent of schools at Andover, S. D. He also teaches science and economics.

Dr. George F. Haas, '14, is a veterinarian and farmer. He and Edith (Arnold) Haas, '16, live at Veteran, Wyo.

John D. Hungerford, '15, is living at 4225 Benton boulevard, Kansas City, Mo. He is manager of the Chapman Blue Ribbon farm.

Omar O. Browning, '16, is a farmer and stockman. He lives at Linwood. Mr. Browning is vice-president of the Atchison Production association. He also is active in other organizations in Leavenworth county.

George Ernest Denman, '16, is superintendent of schools at Burley, Ida.

Charles D. Thomas, '17, is living at 1323 East Nineteenth street, Tulsa, Okla. He is operating an agricultural service company in Tulsa. He also is working part time as an inspector with the production credit association there.

Dr. George A. Franz, '18, is first assistant inspector in charge of the Omaha district for the United States bureau of animal industry. He lives at 4321 Emmet street, Omaha, Nebr.

Turner Barger, '19, is a General Electric merchandise distributor in Cincinnati, Ohio. His address is 801 Race street, Cincinnati.

Edna Wilkin, '20, is head of the home economics department at the Stephen F. Austin Teachers college at Nacogdoches, Tex. She also is president of the Texas home economics association.

Ruth Anna Harding, '20, is an instructor in home economics at the Santee Normal Training school, Santee, Nebr.

Frances J. Whitmire, '21, is teaching in Kansas City, Mo. She lives at Sixty-fifth and Wornall road in Kansas City.

Gertrude Conroy, '21, is teaching home economics in the Longbeach high school in New York City. She lives at the Roosevelt hotel in New York City.

Elton Milbert Gard, '22, is an instructor in science at the Minneapolis high school. His address is 612 Della avenue.

Sibyl Watts, '22, is owner and manager of the Colonial Cupboard Tea Room in Oklahoma City, Okla. She lives at 124 West Main, Oklahoma City, Okla.

Guy R. Spiker, '23, is operating an ice plant in Waco, Tex.

W. P. Raleigh, '23, is an associate pathologist with the bureau of plant industry, United States department of agriculture. He is located in Washington, D. C.

Fred C. Stockebrand, '23, is teaching agriculture and biology in the Fort Scott senior high school. His address is 812 South Judson street, Fort Scott.

Dr. E. C. McCulloch, '24, 3807 Keokuk avenue, St. Louis, Mo., is in charge of the city "milk control" department. He is making an extensive survey of the milk supply.

Louis Cunningham Miller, '25, lives at 2400 Wynnton road, Columbus, Ga.

Everett M. Schreck, '25, is an instructor of dramatic art at the University of South Dakota at Vermillion, S. D.

I. B. Kirkwood, '25, has been advanced to associate engineer in the bureau of reclamations at Denver, Colo.

Martha V. Engle, '26, is living at 13405 Lakeshore boulevard, Cleveland, Ohio.

Harry Dale Nichols, '26, is an assistant engineer in the United States war department. He is now doing lock and dam construction work on the Mississippi river. His address is in care of the United States engineer office, Rock Island, Ill.

Carrie (Justice) Fulkerson, '27, of Cimarron and Della (Justice) Norton, '25, of Moccasin, Mont., called at the alumni office March 30. Both had been visiting in Olathe.

C. M. Carlson, '27, is with the farm loan department of the John Hancock Mutual Life Insurance company. His address is 1030 Badgerow building, Sioux City, Iowa.

Susan Scott, '28, is a dietitian at the Seaside hospital, Long Beach, Calif.

Dr. Albert I. Schmidt, '28, is now located at 4069 West 219 street, Cleveland, Ohio.

Clyde Tabor Rea, '28, lives at 257 West Erie, Wichita. He is with the internal revenue department.

William Sartorius, '28, is chief construction engineer with the Procter and Gamble company at Ivorydale, Cincinnati, Ohio. His address is 3440 Woodbord road, Cincinnati.

Eldred L. Gann, '29, is a sophomore student at Washington university medical school in St. Louis, Mo. He lives at 5398 West Pine.

Joe K. Limes, '29, is coaching and teaching science in the Humboldt high school at Humboldt.

Helen V. Cortelyou, '29, is a student at the Chicago Art institute. She is living at 1320 Chicago avenue, Evanston, Ill.

Dr. L. H. Beebe, '30, is practicing veterinary medicine in Warrensburg, Mo. He lives at 204 West Market street.

A. M. Schlehuber, '31, has a research fellowship in the department of farm crops at the State College of Washington, Pullman, Wash.

Clark G. Porter, '31, is a medical interne at the city hospital of St. Louis. His address is 20 South Newstead avenue, St. Louis, Mo.

Esther Ratliff, '31, recently received an appointment as head dietitian of St. Mary's hospital in Duluth, Minn. She is visiting her parents in Manhattan for a short time before going to her new duties.

Hugh Moore, '32, is homestead rehabilitation adviser at Holton.

Harvey G. Bobst, '32, is an engineer in the soil erosion service of the department of interior. He is located at Albion, Nebr.

Mercedes Virginia (Shute) Wilson, '32, is a stenographical clerk for the emergency relief association. She lives at 300 T street, N. W., Washington, D. C.

Glenn Durrill, f. s. '32, and Pansy (Smith) Durrill, '33, live at 426 Choctaw, Bartlesville, Okla. Mrs. Durrill is a case aid investigator.

R. O. Snelling, '32, is doing plant breeding work at the United States experiment station, Lawton, Okla.

Fred S. Kruger, '32, is in the soil erosion service at Mankato.

Esther Ita Dorgan, '33, is living at Council Grove.

Martha Rodda, '33, is a student dietitian at the Montefiore hospital in New York City.

Dale Pocock, '33, is a reserve officer with company 1738 of the civilian conservation corps at Ellsinore, Mo.

Dr. O. A. Anderson, '33, is connected with the Raritan hospital for animals at New Brunswick, N. J.

Glenn Stukey, '34, is location manager for the Colorado Utilities. He is living at Hayden, Colo.

Lloyd L. Woods, M. S. '34, is professor of chemistry at Saint Augustine college, Raleigh, N. C.

Marvin W. Freeland, '34, is compliance foreman and tabulator for the agricultural adjustment administration of Atchison county. He lives at Effingham.

Wayne Russel Criswell, '34, is air conditioning engineer with the McPherson Electric company.

LOOKING AROUND

KENNEY L. FORD

Mrs. Bernice Rae (Noble) Rankin, '25, 6003 Tchoupitoulas, New Orleans, La., is the first member of a reunion class to report at the Alumni office for her class reunion at commencement, May 25 to 27.

Many letters indicate that the number of returning alumni will equal or exceed the number in recent years. Local members of the class reunion committees are working for successful reunions. More than 200 alumni living in Manhattan assist with alumni day activities each year.

Nearly everything will be new in connection with alumni day this year. A new day, Saturday, the program at the annual business meeting will be different. Instead of the reading of annual reports these reports will be mimeographed and given to those present. The time will be used for a panel discussion of the aims and objects of our alumni association. The annual election of three members of the board of directors of the Kansas State college alumni association will be held as usual at the annual business meeting. The terms of the following expire this year: E. A. Allen, '87; W. E. Grimes, '13; and R. A. Seaton, '04. A pleasing program is promised for the alumni-senior banquet.

In the previous issue of THE INDUSTRIALIST this column indicated that John Tole, '24, 130 North McLean, Memphis, Tenn., was a member of Phi Sigma Kappa. Mr. Tole is a Phi Delta Theta.

Newspapers recently have described an interesting FERA project of the movement of selected farm families from the northern United States to the Matanuska valley in Alaska. These pioneers are financed by the federal government. They will establish homes on 40 acre tracts of land.

Chief of the colony, according to Time, will be Don L. Irwin, f. s. '15, general manager of the newly formed Alaska Rural Rehabilitation corporation. Mr. Irwin was a successful Wyoming rancher until the government sent him to head its agricultural experiment station in Matanuska valley three years ago. Of his Utopian project, Chief Irwin said recently: "Almost the first job will be to clear out the mosquitoes. They are the chief handicap."

'APPLIED SCHOLARSHIP' HONORED BY ASSEMBLY

(Concluded from front page)

Sigma Tau—Awards to freshmen of 1933-34 for high scholarship: L. M. Lyon—gold medal, G. C. Henderson—silver medal, P. F. Wendell—bronze medal. Honorable mention by Sigma Tau for high scholarship: J. D. Bowles, L. D. Grubb, R. J. Burns, W. W. Liffin, R. M. Fink, G. E. Benedict, J. L. Noble.

Sigma Tau members elected 1934-35: L. C. Aicher, J. V. Baptist, W. O. Creighton, M. H. DeLapp, W. L. Dole, W. R. Flournoy, D. I. Gillidett, A. R. James, W. C. Jones, E. L. Kent, E. M. Lill, M. Lovejoy, J. E. Moore, F. J. O'Reilly, W. E. Peery, J. F. Ransom, H. E. Rivers, F. R. Senti, T. C. Wherry, A. R. Wilcox, R. F. Adams, F. R. Arnold, D. M. Bammes, G. R. Brindle, C. J. Chappell, W. W. DeLapp, D. A. Dillon, D. E. Garr, M. W. Horrell, L. K. King, W. H. Maranville, C. T. Thompson.

GENERAL SCIENCE

Intercollegiate and intersociety debate, oratory and extempore speech, Mississippi valley extempore speech contest, and Missouri valley extempore speech contest, Nathan Shapiro; Kansas Pi Kappa oratorical contest, John Barbydt; Kansas Pi Kappa Delta extempore speech contest, Margery Blake, Harold Lortscher, Pauline Schloesser; Intersociety oratorical contest, Beulah Browning, Browning; Wilbur Creighton, Athenian; Abby Marlatt, Ionian.

Outstanding students in intercollegiate debate—Beulah Browning, Edward DeClerck, Warren DeLapp, Alice Droz, Mac Kappellnap, Charles C. Moore, Pauline Schloesser, Nathan Shapiro, Albert Worrel, James York.

Pi Kappa Delta—(Honorable Forensic society) John Barbydt, Beulah Browning, Edward DeClerck, Walter Hines, Karl Marx Lee, Paul Rohm, Pauline Schloesser, Paul Wadham, Elton Whan, Joe J. Winderlin, Albert Worrel.

Sigma Delta Chi—Dale Garvey, Harold Rea, Wayne Dexter, Wayne Scott, Max Besler, George Hart, Roy Fritz, Stanley Morris, William McDaniel. Sigma Delta Chi scholarship recognition—Winifred Wolf, Ruth Thomas, Marjorie Shellenberger.

Alpha Kappa Psi scholarship medalion—Catherine Mitchell.

Mortar and Ball—Military science: S. O. Brady, R. V. Brown, V. M. Butts, E. M. Crawford, F. H. Elayer, J. L. Flentie, Townsend Galley, G. L. Gaumer, W. V. Gough, Marvin Hanson, V. R. Hurst, L. H. Johnson, R. C. Kassner, J. Lane, E. M. Lill, Alfred Steele, H. A. Stewart, W. W. Templer, J. D. Ward, C. P. Weeks, P. F. Wendell.

Mu Phi Epsilon—Music: Bernice Covey, Geraldine Hammond, Margaret Ratts Hendrickson.

Phi Alpha Mu—General science: Mrs. Jessie Y. Andrews, Elizabeth Boys, Pauline Compton, Louise Denton, Margaret Higdon, Marjorie Lomas, Catherine Mitchell, Betsy Sessler*, Gladys Bergman, Frances Bertsche, Ruth Crouch, Delite Martin.

*Also received the Margaret Russel award in the fall of 1934.

Phi Delta Kappa—Education: Alvin Kornelius Banman, Paul Everett Blackwood, Aubrey Thornton Edwards, Donald Baker Parrish, Harry Charles Quantie, Curtis Daniel Sides, Howard Dewight Smethers, Arch Thompson, Rollo Evans Venn, Edwin Lee Andrick.

Phi Lambda Upsilon—Chemistry: E. E. Howe, R. L. Mellies, Dr. H. N. Barmham, Charles Allison, B. F. Beaver, R. L. Griffith, V. A. Steimel, A. R. Wilcox.

Quill club—Writers of literature: Helen Brown, Barbara Claassen, Wayne Dexter, Elma Edwards, Devere Kay, Margaret McKown, Olive Miller, Woodrow Bell, Mrs. Adah Eiler, Gretchen Isern, Kathryn Kilmer, Delite Martin, Beth Searies.

Scabbard and Blade—Military science: Roy Beach, Robert Brown, Maurice Coulson, Clarence Crawford, George Eicholtz, Dale Garvey, Thomas Galley, George Gerber, Leland Harvey, George Harris, Maurice Hanson, George Hooper, Leslie King, A. J. Mitter, Charles Myers, Bruce Nixon, Leland Propp, Wicks Schoolcraft, Frank Shidele, Wayne Thornbrough, Charles Weeks.

Theta Sigma Phi—Journalism (women): Caroline Dawley, Kathryn Kilmer, Betty Miller, Gertrude Tobias, Faye Young.

Rifle competition—Men's rifle team: W. F. Stewart, W. R. Farmer, E. L. Waller, S. A. Swoyer, J. F. Gaumer, G. W. Honick, W. R. West, M. O. Pattison, H. M. Laude, P. F. Wendell. Women's rifle team: Ruby Wunder, Maxine Gibbs, Barbara Claassen, Thelma Fieser, Faye Young, Leona Ochsner, Mary Danner, Edna Shannon, Eltie Musgrove, Mary McKee.

HOME ECONOMICS

Senior ranking highest in scholarship for entire four years—Doris Jennelle Thompson.

Senior ranking highest in scholarship for junior and senior years—Ruth Elizabeth Jorgenson.

Members of meat judging team—Arlene Marshall, Georgie Meece, Frances Moss, Elizabeth Pittman.

Election to Omicron Nu—Alice Loy Barrier, Susanne Murray Beeson, Lenore Vinneal Converse, Neva Inez Hilton, Helen Sylvia Johnson, Ruth Elizabeth Jorgenson, Althea Lenore Keller, Vida Edith McDaniel, Josephine Elizabeth Miller, Frances Emma Moss, Elsie Fern Selby, Margaret Jean Turner, Pauline Vail, Eleanor Mae Wilkinson, Ruth Wilson.

Honorable mention by Omicron Nu for scholarship—Freshmen: Margaret Elizabeth Abbott, Elizabeth Jane Clark, Verda Mae Dale, Sallie Burnette Gilbreath, Alma Belle Karns, Abby Lindsey Marlatt, Esther Mae Musil, Wava Jane Shoemaker, Katherine Elizabeth Taylor. Sophomores: Irene Eleanor Baldwin, Helen Virginia Hall, Sarah Josephine Lister, Eula Pauline Sherwood.

Omicron Nu freshman scholarship prize for 1933-34—Helen Virginia Hall.

VETERINARY MEDICINE

Harwood prizes in physiology: First prize, \$10, Lee Thomas Railsback; second prizes, \$2.50 each, Guy William Bayles, and Willard Merrill Van Sant.

Salsbery prizes in therapeutics: First prize, \$10, to Loris Arthur Dehner; second prize, \$5, to Edgar William Millenbruck.

Franklin prizes in pathology: First prize, \$10, to Joseph F. Knappenberger; second prize, \$5, to Eusebio Antonio Perez Herrera.

Bowers prizes in small animal clinic: First prize, \$10, to Lawrence Charles Donat; second prize, \$5, to Harold Jack Jewell.

Schmoker prizes in general proficiency: First prize, \$10, to Oscar Frederick Fischer; second prize, \$5, to Donald Clifford Kelley.

Journal of Veterinary Medicine prizes: For the best articles submitted by senior veterinary students: First prize, \$10, Hubert Raymond Hein; second prize, \$5, Edwin Strand Wiseman. Honorable mention: Edwin Louis Milenbruck, Leonard Anthony Rosner, Jacob Emil Spring, Charles D. Stafford, Clarence M. Stay, and Theodore S. Williams.

GRADUATE STUDY

Candidates for the master's degree with the highest scholarship average: Margaret Jeanne Tabor, 3.000; Ivan Pratt, 3.000; Burton Lowell Baker, 3.000; Walter Clare Hulbert, 3.000; Phil Creager Haggman, 3.000.

Gamma Sigma Delta: Burton Lowell Baker, Donald Houts Bowman, Olive Falls, Walter Clare Hulbert, John Gleason Kennard, Alvin Ernest Lowe, Ivan Pratt, Margaret Jeanne Tabor.

Sigma Xi—Chapter members: Burton Lowell Baker, Ivan Pratt. Associate members: Donald Houts Bowman, Everett John McNay, Margaret Jeanne Tabor.

ALL COLLEGE

Mortar Board membership for 1934-35—Pauline Compton, Wilma Cowdery, Clara Bess Garrison, Ruth Jorgenson, Kathryn Knapp, Elizabeth Lamprecht, Arlene Marshall, Myra Roth, Arlene Smith, Elizabeth Walbert, Winifred Wolf.

MARRIAGES

GWINN—FUNDIS

Hazel Gwinn and Wesley Fundis, f. s. '33, were married March 27. Mrs. Fundis recently completed a year's nurse's training at Manhattan. They are now at home on a farm near Aliceville.

FULTON—CAMPBELL

The marriage of Mrs. Georgia Fulton and Richard Campbell, '31, took place April 7 in Herington. They will live in Herington. Mr. Campbell is employed as an engineer at the Herington Ice company.

RECENT HAPPENINGS ON THE HILL

Blue Key, honorary organization of senior men at Kansas State college, initiated 12 members at a formal banquet held in the Gillett hotel recently.

Loren Oberhelman, student in electrical engineering, attended the amateur radio convention in Wichita recently. He gave a short talk on the stratosphere flights planned by the National Geographic society and the army air corps.

Richard R. Jesson of the music faculty was appointed dean of the Kansas chapter of the American Guild of Organists at a tri-state meeting of that organization at Lawrence last week. This position is considered the highest office and honor of the guild.

Milton Skaggs, Dodge City, was elected president of Blue Key, senior men's honorary organization, recently. Other officers elected were: J. B. Nixon, Paradise, vice-president; George Eicholtz, Abilene, secretary; and Ed Murphy, Kansas City, Kan., treasurer.

Thomas Beckwith, Hiawatha, was recently presented a copy of "The Autobiography of John Brashear," in recognition for outstanding service in the local branch of the American Society of Mechanical Engineers. Mr. Beckwith is a senior in mechanical engineering.

Maurice Street, Yates Center, was elected president of Steel Ring, honorary engineering fraternity, at a meeting held April 16. Other officers elected were: D. K. Flint, Girard, vice-president; W. D. Mitchell, Ness City, secretary-treasurer; and Clarence R. Crawford, Luray, marshal.

Ray Womer was elected president of Phi Sigma Chi, national women's pep organization, at the convention held at Lincoln, Nebr., April 27. Other officers were Ruth Stockwell of the University of Kansas, vice-president, and Elizabeth Sherer of the University of Nebraska, secretary-treasurer.

Earl Parsons, Manhattan, was elected president of the Collegiate 4-H Club at a meeting last Thursday night. Other officers elected were: Grace Burson, Oakley, vice-president; Ruby Corr, Clearwater, secretary-treasurer; L. R. Shultz, Fall River, corresponding secretary; W. B. Thomas, Clay Center, marshal.

A new system has been worked out by the student-faculty council whereby certain scholastic standards will be necessary, starting next year, for a student to hold any appointive or elective position or to represent the college in intercollegiate competitive activities. The grade requirements will be the same as those in force now in the Big Six athletic conference.

BIRTHS

W. E. Connell, M. S. '29, and Ruby (Stover) Connell, '28, are the parents of a son, Robert Eugene, born April 22. The Connells live at 1126 Thurston, Manhattan.

Frank Hartman, '31, and Naomi (Ruby) Hartman of Dodge City announce the birth of a daughter, Carolyn Kay, on December 28, 1934. Mr. and Mrs. Hartman live at 901 Second street, Dodge City.

DEATHS

MELTON

George L. Melton, '93, died from asphyxiation in April. Mr. Melton was a retired educator. He is survived by a sister who lives in Winfield.

R. O. T. C. Men to Ft. Riley

The advanced course of the R. O. T. C. will fire infantry weapons in target practice at Fort Riley May 11, 13, and 20.

Adams Etchings on Display

A collection of etchings by Roland E. Adams, '30, are being exhibited in the architecture gallery this week.

K-STATE WINS TRIANGULAR, DEFEATS K. U. AND HUSKERS

WILDCAT TRACKMEN IN TRIPLE VICTORY HERE SATURDAY

Haylett's Team Scores 70½ Points to 56½ for Nebraska and 35 for Kansas. Knappenberger Wins at Timbers. Half Milers Sweep Event

Kansas State college last Saturday served notice on other Big Six conference track teams by winning the annual triangular outdoor meet with Kansas and Nebraska universities, and simultaneously defeating those two schools in dual meets. Meanwhile, in the same meet, Nebraska beat Kansas in the dual scoring.

The triple victory for Coach Haylett's Big Six conference indoor champions established them as favored contenders for the conference outdoor title. It was the first victory for Kansas State in the 7 times the triangular meet has been held in the past 11 years. It also was the first dual meet victory scored over Nebraska with the exception of the indoor meet this year at Lincoln.

HOLD LEAD FROM FIRST

Taking the lead with the first event and never relinquishing it, Kansas State amassed a total of 70½ points to 56½ for Nebraska and 35 for Kansas. In the three dual meets, scored simultaneously with the triangular, the points were:

Kansas State, 73; Nebraska, 58.
Kansas State, 92; Kansas, 39.
Nebraska, 84; Kansas, 47.

A chill northwest wind swept down Ahearn field, hampering the athletes and turning spectators' hands and faces blue with cold. Despite the cold, three new meet records were chalked up, J. B. Nixon furnishing a sensation by winning the 440-yard run for Kansas State in 49.2 which was .5 faster than the old mark. It was also a new track and Kansas State varsity record.

Near the finish of the afternoon's events, when K-State spectators shivered and speculated on the chances of Nebraska to overtake them in the triangular event, Coach Ward Haylett's mile relay team warmed them with a victory in that event, Kansas trailing by 15 yards to win second.

TIE AND BETTER MARKS

Wellhausen of Kansas tied the meet high jump record with a leap of 6 feet, 1 inch. Elwyn Dees of Kansas also claimed a new mark in the shot put, with a toss of 51 feet, 7 inches, bettering his 1934 mark of 49 feet, 2 and 7-8 inches.

Joe Knappenberger, ace hurdler, continued to win at the timbers while in the half-mile run four Kansas Staters, led by Justus O'Reilly of Girard, swept the event. Jacobson for Nebraska took both the 100-yard and the 220-yard dashes, setting a new meet time in the century by clipping one-tenth of a second off the 9.9 mark made by Hall of Kansas last year.

In the dual meets, only Nebraska crowded K-State, both teams holding a comfortable lead over Kansas almost from the start. In the pole vault, Noble took first for the Jayhawks with Gray and Andrey winning them a second place tie.

The triangular summary which includes also all placings which counted in the dual competition:

Mile—Won by O'Reilly, Kansas State; Funk, Nebraska, second; McCollm, Kansas State, third; Beaver, Nebraska, fourth; Redfield, Kansas State, fifth. Time, 4:21.8.

440-yard—Won by Nixon, Kansas State; Graves, Kansas, second; McCaskill, Kansas, third; Rooks, Kansas State, fourth; McNow, Kansas, fifth. Time, 49.2.

100-yard dash—Won by Jacobson, Nebraska; Knappenberger, Kansas State, second; Cardwell, Nebraska, third; Pitts, Kansas, fourth; Jensen, Kansas State, fifth. Time, 9.8.

120-yard high hurdles—Won by Knappenberger, Kansas State; Cardwell, Nebraska, second; Carroll, Nebraska, third; Stoner, Kansas State, fourth; Pitts, Kansas, fifth. Time, 15.2.

880-yard dash—Won by Dill, Kansas State; Eberhart, Kansas State, second; O'Reilly, Kansas State, third; Messick, Kansas State, fourth; Schroeder, Kansas, fifth; Cunningham, Kansas, sixth; Beaver, Nebraska, seventh. Time, 1:59.

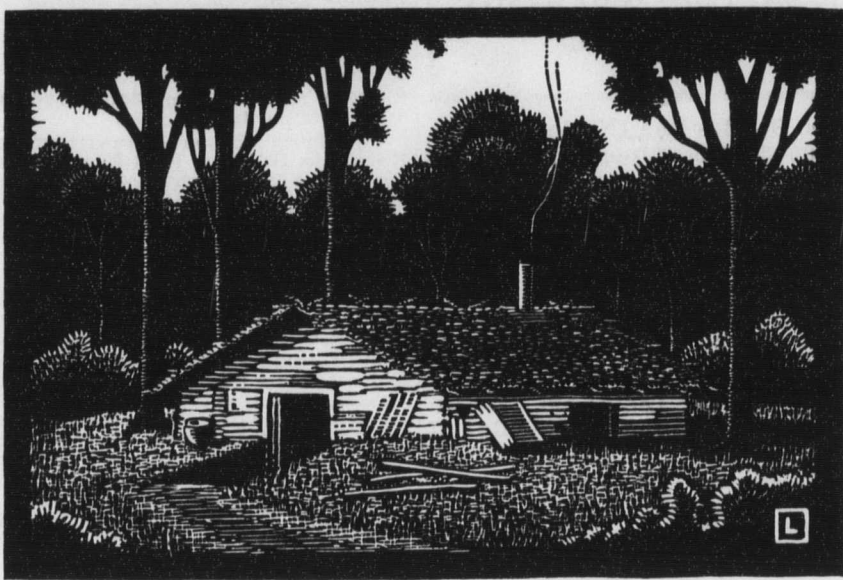
Pole vault—Won by Noble, Kansas; Gray, Kansas, and Andrey, Kansas, tied for second; Cosgrove, Nebraska, fourth. Height, 12 feet 8 inches.

220-yard dash—Won by Jacobson, Nebraska; Jensen, Kansas State, second; Worrel, Kansas State, third; Chapman, Nebraska, fourth; Trotter, Kansas, fifth; McCaskill, Kansas, sixth. Time, 22.4.

High jump—Won by Wellhausen, Kansas; Roehman, Kansas State, second; Toman, Nebraska, and Harris, Kansas State, tied for third. Height, 6 feet 1 inch.

Shotput—Won by Dees, Kansas; Francis, Nebraska, second; Rist, Nebraska, third; Hemphill, Kansas State, fourth; Toman, Nebraska, fifth; Bell, Kansas State, sixth. Distance, 51 feet 7 inches.

Friends of Art Gift Print—1935



"Woodside Hut," a wood block by Herschel Logan, well known Kansas artist, is the Friends of Art gift print for 1935. The purpose of the organization is to add to the art collection of the college. Alumni may obtain Friends of Art memberships together with a gift print by sending \$1 to Miss Thirza Mossman, Kansas State college, secretary-treasurer.

Mile relay—Won by Kansas State (Jensen, Eberhart, Rooks, Nixon); Kansas, second; Nebraska, third. Time, 3:24.2.

Broad jump—Won by Cardwell, Nebraska; Warnke, Nebraska, second; Toman, Nebraska, third; Pitts, Kansas, fourth; Ayers, Kansas State, fifth; Hemphill, Kansas State, sixth. Distance, 23 feet 1-4 inch.

Discus—Won by Rist, Nebraska; Fanning, Kansas State, second; Wellhausen, Kansas, third; Bell, Kansas State, fourth; Francis, Nebraska, fifth; Gray, Kansas, sixth. Distance, 139 feet.

Javelin—Won by Chambers, Nebraska; Herrmann, Kansas State, second; Gray, Kansas, third; Pierce, Kansas, fourth; Hemphill, Kansas State, fifth; Cardwell, Nebraska, sixth; Francis, Nebraska, seventh. Distance, 185 feet 10 inches.

2-mile run—Won by Wheelock, Kansas State; Robinson, Kansas State, second; Hunk, Nebraska, third; M. Nixon, Kansas State, fourth; White, Nebraska, fifth; McCollm, Kansas State, sixth; Fitzgibbons, Nebraska, seventh. Time, 9:55.4.

220-low hurdles—Won by Knappenberger, Kansas State; Haight, Nebraska, second; Chapman, Nebraska, third; Steele, Kansas State, fourth; Pitts, Kansas, fifth.

TWO HUNDRED ATTEND CATTLEMEN'S ROUNDUP

Conclusions From Experiments Indicate That Russian Thistles Are Last Resort Emergency Feed

Sunshine and a morning free from dust-laden wind brought 200 western Kansans to the twenty-third annual cattlemen's roundup Saturday, April 27, at the Fort Hays branch of the experimental station.

Dean L. E. Call presided at the men's session, at which W. H. Burke, Little River, president of the Kansas Livestock association; A. F. Swanson of the station staff, and L. C. Aicher, '10, superintendent of the station, also spoke. The woman's program was in charge of Miss Amy Kelly. Dr. Martha Kramer and E. G. Kelly, also of the college staff, spoke.

Ground Russian thistle hay supplemented with cottonseed cake makes a satisfactory emergency ration for wintering stock cattle, but the thistles ordinarily could not compete as a feed with sorghum crops. This was the report of Dr. C. W. McCampbell of the department of animal husbandry at the Hays roundup.

General observations obtained at the roundup indicate that hay is the best form in which to feed Russian thistles to livestock. Ground hay supplemented with one pound of cottonseed cake was satisfactory as a stock cattle wintering ration. Ground thistle hay was worth considerably less, pound for pound, than kafir or atlas sorgho hay and the yield of the latter was considerably greater than the yield of Russian thistles.

Cattle showed a preference for the ground Russian thistle hay and molasses mixture that contained the least amount of added water. Russian thistle silage was worth considerably less than ground Russian thistle hay. Thistle silage produced less than one-fourth as much gain as kafir and atlas sorgho silage and the yield per acre of thistle silage was decidedly less than the yield of sorghum silages.

It was concluded that Russian thistles should be looked upon only as a last resort emergency feed because of their low feeding value, low yield compared to sorghum crops, and high cost of harvesting. The test emphasized the advantage of carrying over from year to year sorghum crops in the form of silage.

JOHN S. CURRY IN GIFT TO COLLEGE COLLECTION

Noted Kansas Artist Presents a Water Color, Four Lithographs, to Kansas State

Presentation of a water color and four lithographs to the Kansas State college art collection by John Steuart Curry was announced at the recent meeting of the Friends of Art group. The gift was made through the Fargall Galleries, New York, as an expression of the artist's appreciation of the fact that Kansans, despite drouth, dust, and depression, bought by public subscription an oil painting of Curry's for the Kansas State collection.

The water color, sent framed, is "Horses in a Pasture," and gives an excellent impression of the vast and beautiful extent of a Kansas pasture on a bright day. The lithographs are "Hounds and Coyote," "Coyotes Stealing a Pig," "Ajax," and "To the Train." The last is a circus subject.

An exhibition of art works acquired by the college during the past year was put up in connection with the Friends of Art meeting. Additional gifts announced were two etchings by Roland Adams, '30, Wauwatosa, Wis. They are "The Old Mill" and "Old Brewery—Waterford, Wis." Both are excellent examples of Mr. Adams' work.

The gift print of the group for 1935 was exhibited at the meeting. It is "Woodside Hut"—a wood-block by Herschel Logan, Salina. The society voted to have it matted for presentation to members. Dues for non-students were set at \$1, and for students at 50 cents.

Works acquired for the college collection during the past year by the Friends of Art include the presentations of Mr. Curry and Mr. Adams, the 1934 gift print, "Early Settler's

House," by John F. Helm, and four purchases:

"Der Weiss Kunig," by Burgkmair; "Hill Farm," by Norma Bassett Hall; "Old Indian Man," by Kenneth M. Adams; and "On Fifth Street," by Herschel Logan. The society also framed part of the prints acquired through it, and part of those acquired through PWAP donations.

A substantial contribution was made toward the purchase of the John Steuart Curry oil, "Sun Dogs."

R. I. THACKREY LEAVES FOR ASSOCIATED PRESS WORK

Member of College Journalism Faculty Takes Over New Work in Kansas City

Russell I. Thackrey, who since 1928 has been a member of the faculty of the department of industrial journalism and printing, leaves today to join the Associated Press in Kansas City as day local editor.

Thackrey was graduated from Kansas State college in 1927 and received his master's degree here in 1932. His newspaper experience before returning here to join the staff included work on the Omaha (Nebraska) World-Herald and the Memphis Press-Scimitar.

Since he has been on the college staff Thackrey has been associate editor of THE KANSAS INDUSTRIALIST, publicity director for the athletics department, president of Friends of Art, and editor of the Kansas magazine in addition to his teaching.

While attending college Mr. Thackrey was active in many organizations and student affairs including Sigma Delta Chi, professional journalistic fraternity, and Sigma Alpha Epsilon, social fraternity. He was editor of the Kansas State Collegian in 1926 and of the 1927 Royal Purple.

Mrs. Thackrey also is a Kansas State graduate, having received her degree in 1930 as Emily Sheppard. They have a daughter, Ann.

R. ADAMS' ENGRAVINGS AND ETCHINGS EXHIBITED

Milwaukee Man's Work Shown Where Once a Student

Two dozen etchings and engravings of Roland Adams, '30, are now being shown in the gallery of the department of architecture and will be there until next Monday. "They show careful draftsmanship, excellent technique," commented John F. Helm, Jr., of the department. "In them you have the architectural approach to subjects—landscapes, old buildings such as churches."

Mr. Adams recently presented the Friends of Art society with two of his etchings, which are to hang in one of the campus buildings.

Tripp a Visitor

O. W. Tripp, '23, who is working for the Wilson Engineering company in Salina, was at the college on business May 3.

PROGRESS OF KANSAS PRESS

F. E. C.

Jack Harris, editor of the Hutchinson News, was elected to membership in the American Society of Newspaper Editors at the recent convention in Washington.

Harold B. Iliff, owner of the Chase County News, has been appointed postmaster of Strong City. He succeeds Ira J. Kabler who died recently. Harold Shankland is editor of the News.

Beginning with the April 18 issue, the Johnson Pioneer, published by Roland Jacquart, is being put out in tabloid size—five-column pages instead of six. Harold Dendurent, '34, is editor of the Pioneer.

The Chase Register, owned by Miss Lois Groat, has recently been purchased by William F. Hubbard, publisher of the Hugoton Hermes. Mr. Hubbard has placed his son, Byron, in charge of the Register.

The Osborne County Farmer has offered a cash prize for the best idea submitted for public works projects. The Farmer wants projects in readiness for approval when the money is appropriated. Chas. E. Mann is edi-

tor of the Farmer, Dick Mann, f. s., chief assistant.

An entire page of advertising was given over to the high school seniors by F. W. and E. G. Arnold of the Vermillion Times. Twenty-one business houses carried a small ad on this page, congratulating the seniors and urging them to consider the home town shop when buying. It was a novel idea.

The Bonner Springs Chieftain will celebrate its fortieth birthday this month and to commemorate the event will put out an industrial edition. It will show the progress of the community during a half century. Mrs. Frances Zumwalt Vaughn is owner, M. W. Vaughn managing editor of the Chieftain.

The Hanover Democrat and the Hanover Herald were hosts to the Washington county press club in April. Every newspaper in the county was represented at a meeting which proved to be the largest gathering that the club ever has enjoyed. W. J. Dieker is editor of the Democrat and D. O. Munger is editor of the Herald.

WILDCATS DIVIDE SERIES, REMAIN IN THIRD PLACE

BREAK EVEN WITH BOTH MISSOURI AND NEBRASKA

Kansas State Defeats Missouri 6 to 2 After Dropping Opening Game 2 to 3, Down Huskers 16 to 3 After Losing Opener 13 to 2

Kansas State college completed seven baseball games in nine days Saturday by splitting a two-game series with Nebraska to retain third place in the conference standings with a .500 percentage.

Tuesday of last week the Wildcats won the second game of a double-header 6 to 2, from Missouri, after dropping the opening game 2 to 3. Frank Cooley went the route to win his second game of the season. The Tigers collected 11 scattered hits but could tally only in the second inning when they bunched four straight. Weteger, pitching for Missouri, allowed only six hits but Kansas State took advantage of poor control at times to score as many runs.

ANOTHER SPLIT WITH NEBRASKA

Against Nebraska at Lincoln the following week-end the Wildcats came back the second day to win 16 to 3 after dropping the opener 13 to 2. An advantage of 16 hits and 8 errors was more than Nebraska could overcome and the Wildcats put the game on ice in the fourth inning with seven runs on six hits.

Cooley won his third game of the season and allowed ten scattered hits. Nebraska was charged with 10 errors to three for Kansas State.

HUSKERS WIN TWO-HIT GAME

The previous day the Cornhuskers, behind the two-hit pitching of Joyce, took advantage of five Wildcat errors to win the seven-inning game which was called because of cold weather.

Friday and Saturday of this week the Wildcats have a two game series at home with the conference leaders of the University of Oklahoma. The Sooners are undefeated in conference play this season.

Goss Heads Sigma Delta Chi

Karl Goss, Dwight, was elected president of Sigma Delta Chi, national professional journalism fraternity, at a meeting of the organization last Thursday. Devere Kay, Manhattan, was elected vice-president; Wayne Scott, Topeka, was elected secretary; and Edward Rupp, Moundridge, was reelected treasurer. Members of this organization are elected on a basis of scholarship, character, and general journalistic ability. Five recent pledges are Stanley Morris, Paxico; Max Besler, Manhattan; Bill McDanel, Ashland, Ohio; George Hart, Phillipsburg; and Roy Fritz, Kansas City, Kan.

To Visit Junior Colleges

Prof. George Gemmell, chairman, and Prof. M. A. Durland, secretary, of the Kansas State college committee on relations with junior colleges, are making their annual visit to the junior colleges of the state May 7 to 10 for the purpose of coordinating work of junior colleges with that of Kansas State and advising junior college students relative to college work. They expect to visit junior colleges at Iola, Ft. Scott, Parsons, Independence, Coffeyville, Arkansas City, Eldorado, and Southwestern college at Winfield.

Pratt to Wisconsin U.

Ivan Pratt, Hope, has been appointed to a graduate assistantship at the University of Wisconsin where he will continue to study for his Ph. D. degree. He is a candidate for a master's degree in zoology here this spring. Mr. Pratt was graduated from the College of Emporia in 1932. The past two years he has attended Kansas State college where he has been graduate research assistant in parasitology, directed by Doctor Ackert.

Rogers Attends Editors Meeting

Prof. C. E. Rogers, head of the department of industrial journalism and printing who is on leave of absence while doing publicity work for the AAA in Washington, represented the American Association of Teachers of Journalism recently at the annual meeting of the American Society of Newspaper Editors. He saw numerous Kansas editors at the convention, which was held in Washington.

THE KANSAS INDUSTRIALIST

Volume 61

Kansas State College of Agriculture and Applied Science, Manhattan, Wednesday, May 15, 1935

Number 30

WILLARD TRACES HISTORY OF SCHOLARSHIP DEVICES

ALPHA ZETA FIRST SOCIETY TO RECOGNIZE SUPERIOR STUDENTS

In Phi Kappa Phi Assembly Address
Tells of Professors in Old Days
Posting All Grades in Public Place

From the days when professors posted grades of their students where all might see, to the present, Dr. J. T. Willard last Thursday traced the history of scholarship-stimulating devices in Kansas State college. His address, "Honors for All," was the Phi Kappa Phi recognition assembly address for the 33 students elected to membership in this honor organization this spring.

Scholarship records were evident, too, in those early years on the commencement program, Doctor Willard said. Whoso had the highest average was valedictorian; who stood next was salutatorian. The other graduates delivered their orations in regular order according to grade level, the lowest coming just before the valedictorian.

NO RECOGNITION FOR YEARS

This public emphasis upon grades seemed to President Fairchild, when he took office in 1879, to give undue weight to this feature of college life, and so was abandoned. No formal public notice of scholarship was taken during the administrations of Presidents Fairchild, Will, and Nichols, from 1882 to 1909.

"Alpha Zeta, organized in 1909, was the first society on this campus organized to recognize scholarship. Since 1912 about 15 other honorary and professional organizations have been installed," he said. "Elections to these have been given public notice annually since 1924 in a Recognition day program for college assembly."

ADD SCHOLARSHIP INCENTIVES

The practice of giving recognition to sophomores who were in the highest 10 per cent of their class in the freshman year dates back to 1928, and was inaugurated by Phi Kappa Phi to stimulate scholarship early in the college course. Another recognition to scholarship is the class-cutting privilege given to juniors and seniors of excellent grade records—a practice introduced by President Farrell.

Imperfections in the grading system, drawing of a line between the lowest of the upper 10 per cent of a class and the ones next below them, cutting apart persons practically equal, Doctor Willard pointed out as serious defects in a system of awards for scholarship as measured by grades. Temptations to cheating and to "working" the professor and to parroting back information are others. Health and financial resources are assets possessed unequally. So that "honors for all" to whom honor is due is an ideal which never can be attained.

ALUMNI OF THREE COUNTIES ATTEND DINNER AT NEWTON

Clarence J. Goering, '29, Elected President of Local Association

Kansas State college alumni from three counties attended a dinner meeting at the Hotel Ripley, Newton, Kan., the evening of April 25, with approximately 40 present. Clarence J. Goering, '29, was toastmaster, and Ed Kroeker, '29, led the group singing. The program included xylophone numbers, the showing of the motion picture, "Scenes at Kansas State," and pictures of the Kansas State football team in action. These pictures also were shown at Newton high school in the afternoon. Kenney L. Ford, '24, alumni secretary, assisted in the organization of a local association. These officers were elected: Clarence J. Goering, '29, president; Edward Kroeker, '29, vice-president; Helen "Spud" Morgan, '34, secretary-treasurer.

These out of town alumni attended: Clytice Ross, '16, Benton; Percy Sims, '23, and Mrs. Percy Sims,

f. s. '23, of Walton; Bernice Davidson, '31, and Anne Klassen, '31, of Whitewater; Toss Anderson, '31, Peabody; Helen M. Wilmore, '29, Halstead; Frank Edlin, '31, Herington.

The following alumni from Newton were present: M. D. Morris, '28, Mrs. M. D. Morris, '29; George Murray Arnold, '16; Herbert Goering, '25; Frank B. Lawton, '12; Mr. and Mrs. Russel Janes, '32; Mr. and Mrs. Albert A. Goering, '24; E. H. Kroeker, '29; Mr. and Mrs. Clarence J. Tange-man, '26; Lois M. Oberhelman, '30; Mr. and Mrs. R. M. Karns, '26; Mr. and Mrs. H. B. Harper, '33; and Clarence J. Goering, '29.

RAIN THROUGHOUT KANSAS BOOSTS CROPS PROSPECTS

Agronomists Say Pastures, Grains, and Land for Row Crops Have Been Greatly Benefited

Rain which fell at many points in central and western Kansas early this week was of great benefit to pasture lands, for putting ground into condition for corn, sorghums, and other row crops, and for listing to prevent further blowing, members of the college staff point out.

"Although rains Monday were only a start on what is needed in many places, particularly in north central and western Kansas, it is of great benefit, especially for putting ground into condition for row crops and to improve conditions for further listing to prevent blowing," was the comment of Dean L. E. Call of the division of agriculture.

In south central Kansas the rain which fell during the past week will make a wheat crop. Rain also helped wheat in other sections although it will not bring the yield up to normal," in the opinion of R. I. Throckmorton, head of the department of agronomy.

The rain was particularly beneficial to alfalfa, pasture crops, and oats. It will mean the difference between no first cutting and a first cutting of alfalfa," Throckmorton declared.

PH. D. DEGREE IN GENETICS OFFERED HERE AFTER JUNE 1

Fifth Field in Which the Work Is Available

Effective June 1 it will be possible to obtain a degree of doctor of philosophy in genetics by extended work in the division of graduate study, Dr. J. E. Ackert, dean of graduate study, has announced. This is the fifth field in which a doctor's degree is available. Others are bacteriology, entomology, chemistry, and milling industry.

Kansas State college is unusually well prepared to offer advanced degrees in this field as there are strong experiment station projects in genetics in the departments of zoology, agronomy, animal husbandry, and poultry husbandry, Doctor Ackert declared in making the announcement. He went on to explain that these projects are in the hands of well trained and experienced investigators. Another favorable factor is that the college library contains nearly all of the important works in the field. A persistent demand for advanced work in genetics preceded the announcement.

Two Free-lance Grads

The May issue of the Household magazine, published by Arthur Capper at Topeka, contains a timely article by Elizabeth Dickens Shaffer, '22, entitled "What Can I Do for Peace?" It is a frank discussion of the vital issue of world peace. Mrs. Shaffer is the wife of Edward Shaffer, f. s., who is editor of the Albuquerque (N. M.) State Tribune. In the same issue of the Household there appeared an article by Clementine Paddelford, '21, entitled "Banquet Trimmings." Miss Paddelford is on the staff of the Christian Herald. The editor-in-chief of the Household is Nelson Antrim Crawford, formerly head of the college department of industrial journalism.

METROPOLITAN OPERA SOPRANO TO SING HERE

PHRADIE WELLS WILL GIVE CONCERT BACCALAUREATE SUNDAY

Young Lyric Dramatic Artist Brought by College to Campus for Free Program in Compliment to Senior Class

Phradie Wells, young New York Metropolitan Opera company soprano, will give a concert at 4 o'clock the afternoon of Sunday, May 26, in the college auditorium, in compliment to the senior class. At 8 o'clock that night the Most Rev. Francis C. Kelley, bishop of Oklahoma City and Tulsa, will deliver the baccalaureate address.

"Miss Wells' voice is of beautiful quality and timbre, a lyric dramatic soprano of unusual range," say New York City music critics. "She has excellent stage presence, youth, a charming personality which have made her a great favorite in concerts."

Miss Wells is a Kirksville, Mo., girl, who was trained by Oscar Saenger, of New York City. She was engaged for a season by Gatti-Casazza immediately upon his first hearing her. Her unqualified success that season led to a four-year contract with the New York Metropolitan Opera company.

MORTAR BOARD HONORS THIRTEEN SENIOR WOMEN

National Organization Promotes Scholarship, Leadership, and Service

Thirteen girls have been selected on the basis of their scholarship, leadership, and service for membership in Mortar Board, senior women's national honorary organization.

These girls were selected by the women students of the junior class, the faculty, and the chapter: Ellen Payne, Frances Farrell, Maxine McKinley, Jo Elizabeth Miller, Ruth Gresham, and Frances Tannahill, all of Manhattan; Lucile Clennin, Tulsa, Tex.; Elizabeth Pittman, Fergus, Mont.; Nancy Jane Campbell, Lakin; Susanne Beeson, Wamego; Marian Buck, Abilene; Barbara Claassen, Newton, and Ruby Corr, Clearwater.

The purpose of this organization on the campus, as well as on 54 other campuses over the United States, is to promote scholarship, leadership, and service among college women.

Members of the active chapter are: Wilma Cowdery, Pauline Compton, Kathryn Knechtel, Arlene Marshall, Arlene Smith, Ruth Jorgenson, Winifred Wolf, Elizabeth Walbert, Elizabeth Lamprecht, Myra Roth, and Clara Bess Garrison.

A. S. C. E. Meets

"The Young Man and Civil Engineering" was the theme of the program of the Kansas State student chapter of the American Society of Civil Engineers at its meeting in the community house Friday, May 3. The program was arranged by W. H. Roth, E. M. Lill, and L. M. Lovejoy,

students of civil engineering. Prof. H. B. Summers of the public speaking department, Prof. L. D. White, and Prof. L. E. Conrad of the civil engineering faculty gave the principal speeches. F. W. Epps, state secretary of the society and a state highway engineer from Topeka, also spoke. He congratulated Fred Benson, Grainfield, on his achievement in winning free membership for one year in the junior organization. This is an annual state award.

CATTLE FEEDERS TO HEAR SWIFT ON HUMAN VALUES

Pasture Situation, Adaptability of Corn and Sorghums, Feeding, and Prices on May 24 Program

Visitors at the twenty-third annual cattle feeders' meeting here May 24 will hear J. C. Swift of the Swift and Henry Commission company and president of the American Royal Live Stock show in Kansas City, who will be the visiting speaker. The prominent Kansas City livestock man is to get away from livestock problems, Prof. A. D. Weber said, in announcing Swift's part in the program. He is to speak, instead, on the new interpretation of human values.

In past years between 500 and 2,500 have attended the annual meeting and another large crowd is expected. Last year 1,200 to 1,500 came from 54 Kansas counties and from five states beside Kansas.

Topics to be discussed by college specialists this year include the seriousness of the pasture situation, together with results of pasture investigations at the experiment station. Adaptability of varieties of corn and of sorghums to different sections of Kansas, cattle feeding tests, and the livestock price outlook are to be discussed.

Inspection of livestock from 8 to 9:30 o'clock will open the program. The meeting, beginning at 9:30 o'clock, will be presided over by W. H. Burke, Little River, president of the Kansas Livestock association.

SCHOLARSHIPS AVAILABLE TO VETERANS AND DESCENDANTS

LaVerne Noyes Committee Extends Offer to Summer Students

Scholarships covering incidental and laboratory charges are available to summer school students at Kansas State college who are World war veterans or blood descendants of such veterans for the summer session beginning May 28 and extending through June and July.

Announcement that a balance of \$455.75 is available in the fund was made this week by Dean R. A. Seaton, chairman of the Kansas State college LaVerne Noyes Scholarship committee.

These scholarships are available to deserving students needing assistance who are World war veterans who served for a period of not less than six months prior to the Armistice, or who engaged in overseas service; and to blood descendants of such veterans.

CHILD SPECIALIST URGES POSITIVE WAYS TO SECURE OBEDIENCE, HONOR, IN CHILDREN

Most people believe that the child who obeys his parents and does not talk back to them is not "spoiled." But the methods which those parents have used to enforce that outward appearance may have resulted in far worse "spoiling" than sparing the rod would have.

This was the idea expressed in a recent talk at the college by Dr. Helen Ford, head of the department of child care and eugenics. "Obedience isn't the whole thing," she declared. Not if it is secured through fear of punishment, for thereby he may be developing unwholesome feelings and attitudes both toward his parents and toward society as a whole. Punishment may stop a certain kind of behavior for the time

being, but gives no assurance for the future.

Doctor Ford warned against ever calling a child a liar or a thief. Label the act, not the child, she urged. "If Junior has taken a nickel from mother's pocketbook, help him understand that the act was wrong, but leave with him the feeling that he himself is not bad. Make him feel we have confidence in him. Give him an image of himself in the future as a boy who has courage enough not to take things without permission. Psychologists say that one of the most important questions to ask ourselves is what kind of image are we helping children to have of themselves which shall direct their future development."

COMMENCEMENT PLAN POPULAR WITH ALUMNI

ELEVEN CLASSES TO HAVE REUNIONS THIS YEAR

Interest Indicates Large Attendance for Graduation Activities Which Will be May 25 to 27, Inclusive

Inquiries reaching Alumni Secretary Kenney L. Ford indicate widespread interest of alumni in commencement activities which will be May 25 to 27, inclusive. The attendance is expected to exceed that of previous years.

Approval of the change in plans has been voiced by many alumni and former students who find the shortened commencement period, coming as it does on a week-end, more convenient for them to visit the campus. The transfer of alumni day to the Saturday preceding baccalaureate and setting the date of commencement up from Thursday to Monday, constitute major changes never before attempted in the history of the institution.

Word has been received from many members of the eleven classes which are to have reunions this year. These include the classes of '80, '85, '90, '95, '00, '05, '10, '15, '20, '25, and '30.

The commencement speaker will be Dr. Francis David Farrell, president of the college. The baccalaureate sermon will be delivered by the Rev. Francis C. Kelley of Oklahoma City, bishop of Oklahoma City and Tulsa.

Both baccalaureate and commencement exercises will be in Memorial stadium instead of in the college auditorium as was the practice for years. This will make it possible to accommodate all visitors and an unusually large group is expected to attend all activities.

A. A. U. W. GARDEN PARTY FOR ALL SENIOR WOMEN

Continental Cafe Scene on Farrell Lawn for Annual Affair

The gardens of President and Mrs. Farrell's home will be transformed into a European out-door cafe setting for the annual party given by the Manhattan chapter of A. A. U. W. for the senior women Tuesday, May 21, at 5 o'clock.

Entertainers in peasant costume—singers, dancers, and the like—will present themselves for this informal supper party. Waitresses in colorful dress will circulate among the tables offering poppy seed rolls and other tempting cookery. Mortar Board girls will act as assistants to the A. A. U. W. hostesses, among whom will be six of the eight past presidents of the organization: Misses Ina Holroyd, Emma Hyde, and Helen Elcock—Mesdames C. O. Swanson, Mary Pierce Van Zile, J. E. Ackert.

Mrs. Kate Keith Dies

Mrs. Kate Keith, 84, mother of Prof. E. T. Keith, acting head of the department of industrial journalism and printing, and of Dr. E. B. Keith of the department of chemistry, died of a heart ailment at her home in Manhattan Saturday afternoon, May 11. Funeral services were conducted Tuesday afternoon by Dr. C. E. Holman at the Ryan funeral home and the body was taken to Council Grove where Rev. J. P. Blackledge had charge of the burial service.

Cornell Alumni Meet Here

Alumni of Cornell had lunch Tuesday at the college cafeteria with Dean C. E. Ladd of the New York school. Cornell alumni present were Walter B. Balch, B. S., 1919; F. W. Bell, B. S. A., 1911; A. M. Brunson, 1923; R. T. Cotton, 1910-15; Gordon Danks, D. V. M., 1933; Edwin J. Frick, D. V. M., 1918; W. E. Grimes, 1914-15; C. E. Ladd, 1912; John H. Parker, M. S., 1915-16; Joseph P. Scott, 1916; Roger C. Smith, Ph. D., 1917; R. I. Throckmorton, 1922-23; Paul Weigel, B. Arch., 1912; C. V. Williams, S. S., 1917-18.

The KANSAS INDUSTRIALIST

Established April 24, 1876

F. D. FARRELL, President, Editor-in-Chief
F. E. CHARLES, Managing Editor
R. I. THACKREY, H. P. HOSTETTER,
RALPH LASHBROOK, Assoc. Editors
KENNETH L. FORD, ALUMNI EDITOR

Published weekly during the college year by the Kansas State College of Agriculture and Applied Science, Manhattan, Kansas.

Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. C. E. Rogers is head.

The price of THE KANSAS INDUSTRIALIST is \$3 a year, payable in advance.

Entered at the postoffice, Manhattan, Kansas, as second-class matter October 27, 1918. Act of July 16, 1894.

Make checks and drafts payable to the K. S. C. Alumni association, Manhattan. Subscriptions for all alumni and former students, \$3 a year; life subscriptions, \$50 cash or in installments. Membership in alumni association included.



WEDNESDAY, MAY 15, 1935

THE CLAN GATHERS

Kansas State college alumni will foregather with their clan in Manhattan this year May 25 to 27. Those whose year of graduation is divisible by five have already received their summons and many are undoubtedly either making plans for the week-end here or flirting with the idea of coming.

"Don't stay away because you have no brilliant record to report. Few of us have," appealed Bertha Kimball Dickens, in her letter to the class of 1890. In the first years after graduation such a lack is likely to keep away from class reunions people who would otherwise eagerly return to the old scenes. Later these hesitant ones achieve a more realistic and mature attitude toward life, realizing that the grandiose visions they had of themselves and of their intimates are but part of their romantic, youthful exuberance. They achieve an objective, philosophical attitude to failure to realize these iridescent dreams. Then they come back and thoroughly enjoy seeing their classmates of other days, for that desire to show off superior accomplishments, to make others envious, to lord it over someone who in college days had made them feel inferior, will have passed with the other phenomena of adolescence.

Though some people never sluff off that trait of adolescence, most do. Study the alumni on such reunion days in any college of the land. It is those who have achieved this emotional maturity among the older grads who foregather in largest numbers and get the biggest enjoyment from the experience.

BOOKS

Biography of Typhus

"Rats, Lice, and History." By Hans Zinsser. Little, Brown, and Company. Boston. 1935. \$2.75.

Professor Hans Zinsser of Harvard is somewhat Baconian. While he does not take quite "all knowledge for his province," he takes a great deal of it. He is one of those rare persons who combine ripe scholarship in one field with intelligent appreciation of numerous other areas of intellectual and practical interest. He is one of those even more rare persons who possess an exceedingly rich sense of humor. His special field is bacteriology, but he knows a great deal about other sciences, and about art, literature, human nature, and history. "It is an error," he says wisely, "to segregate the minds of men into rigid guild classifications. Art and the sciences have much in common and both may profit by mutual appraisal."

The book is pleasantly discursive. The author expatiates on biography—both the legitimate and the merely mercenary—on art, free verse, Gertrude Stein, military strategy, history, humor, and philosophy. He has great respect for many creatures that usually are regarded with contempt. For example, he speaks of the louse as "foremost among the many important and dignified things that are made the subjects of raucous humor by the ribald." And he says that it is "much more difficult to present the louse's point of view in its relation-

ship to man than to elucidate the influence exerted, let us say, upon Chopin by George Sand."

Notwithstanding its discursiveness, the book really does present a fine biography of the dread disease, typhus. To do that is the author's main objective. Because its discursiveness is entertaining and its contents are authoritative, the book is exceedingly interesting and informative. Its wealth of historical data regarding the influence of rats and lice in the dissemination of disease, and so upon human destiny, will make the reader appreciate the fact that "man's inhumanity to man" is at least equalled by the devastation resulting from the habits and life processes of certain of the so-called lower animals.—F. D. Farrell.

THE PONY EXPRESS

In the then frontier city of St. Joseph, Mo., seventy-five years ago, even the most uninformed stranger would have realized something of extremely unusual importance was taking place. The whole town had turned out before the Pike's Peak Livery stables, from which was operated the western stage line, to hear a speech by Mayor M. Jeff Thompson inaugurating one of the most romantic and picturesque institutions of the old west. Before him on a swift black steed a horseman waited the conclusion of the address. The mayor ceased speaking, a cannon sounded and amid the cheers of the crowd the horseman clattered away over the cobblestones to the ferry that would carry him across the Missouri river on the first lap of a 2,000-mile race against time.

It was 7:30 o'clock, April 3, 1860, that the rider started from the Missouri city. Exactly 9 days and 23 hours later the pouch of mail that he carried with him arrived by horse relay in Sacramento. The now famous Pony Express had become a fact.

Everyone has heard of the Pony Express, but few of the present generation, accustomed to the great speeds of the airplane, the streamline train and the rushing motor car of today, realize its significance and the place it holds in the history of overland transportation. For the riders of 75 years ago made history when they cut the time required for communication between the Pacific and Atlantic by more than one-half and established records for speed by horse relay never before approached.

In October, 1861, when the telegraph line from California on the west and Omaha on the east was joined at Salt Lake City, the Pony Express passed into history, but few will deny that this service, inaugurated 75 years ago April 3, left behind it a record unsurpassed for enterprise, romance, and adventure.—Kansas City Star.

SEVENTY-FOUR YEARS AGO

The committee of relief for Kansas are convinced that the statements heretofore made as to the extent of the suffering from drouth were not exaggerated, but have been confirmed by recently reliable accounts. It is believed that over thirty thousand people will need to be liberally aided, or the most disastrous consequences will ensue. The want of food, clothing, and other necessities, must be followed by suffering, sickness, and death. To alleviate, and partially prevent these evils, is in the power of those whom Providence has blessed, and is demanded by every dictate of duty and humanity. The sufferers are our own countrymen, mostly intelligent and respectable, who have never before felt want; and the cause of their sufferings could not have been foreseen or prevented. The people of the west have given largely of their grain, and the committee have aided in its transportation. Relief has been extended to a large number, but still the wants of the sufferers continue, and relief must continue to be afforded until a new crop renders further aid unnecessary. Numerous letters received by the committee, some of which have been published, contain alarming accounts of suffering and urgent appeals for aid. Former appeals of the committee have met a generous response from many sources, and about \$10,000 have been received and applied; but in view of the amount of relief needed and the good to be accomplished, the committee again urge upon the friends of suffering humanity to aid them in relieving tens of thousands who may

GREETINGS FROM THE INDUSTRIALIST'S FIRST PRINTER

A. A. Stewart, Superintendent of Printing,
1874-1882

THE INDUSTRIALIST of May 1 added to its "In Older Days" a section of "Sixty Years Ago" items. Heretofore the limit had been items of 50 years ago. Like others who have known the paper from the beginning and read it with a somewhat feeling of reverence, I have realized that, as time passed, fifty years did not any longer get back to the events which transpired not only at the beginning of THE INDUSTRIALIST but in the infancy of the college. Therefore, in behalf of this early group of readers—now rapidly decreasing in numbers—I want to thank the management for adding this new section.

In the same issue of the paper is an editorial which calls attention to the sixtieth anniversary of THE INDUSTRIALIST. How well I remember that first issue of the paper, in which President Anderson and I were so intimately associated—he in an editorial capacity and I in charge of the mechanical work. A press proof of the forthcoming issue had been sent to Ed Harris, foreman of the state printing office, for his approval. A close friend of Mr. Anderson, he had been consulted at every step in the development of the young industrial department. The little paper must be in every way creditable. It was to champion the new educational policies of the institution—to fight its battles. It was to go to similar institutions in other states, the institutions of Kansas, to state officers and members of the legislature, the county superintendents, and newspapers of the state. Approval was promptly given, and then No. 1, Vol. 1, was modestly sent out on its important mission.

perish unless they are helped at once. Subscriptions may be sent to J. E. Williams, Esq., Metropolitan bank, and donations in clothing, etc., to Room No. 25 Cooper Institute.—Public notice in The (N. Y.) Independent, issue of February 28, 1861.

THIS ONE WOULDN'T SELL OUT

Leland Monasmith of Lane, South Dakota, won first place in the 4-H clubs' national health contest. He was declared to be the health champion of the United States. He was immediately approached by a cigarette company which offered him a handsome sum if he would permit his name to be used by that company. What a fine thing for that brand of cigarettes to have the healthiest boy in America say that he smoked those particular cigarettes! Offers of a similar nature have been accepted by prominent statesmen, by leading motion picture actresses, by great artists, by leaders in sports. Why should this boy not sell his name?

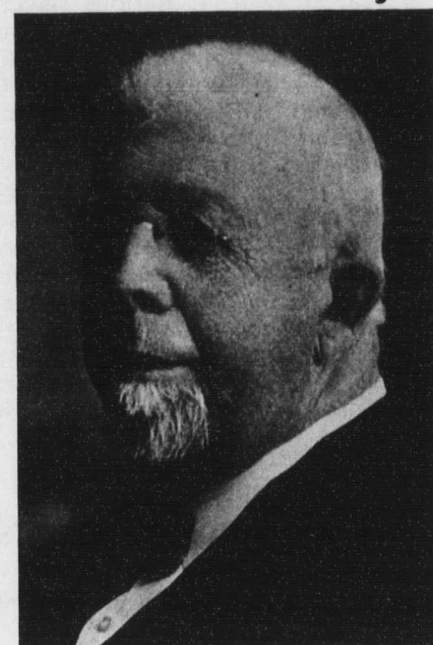
Simply because his ideals were higher. He had too much character. While he was poor and needed the money, he refused. It was a splendid thing to have the physical health of this young American. It is even finer to have the moral health which he exhibited.—The American Observer.

ENDORING MILITANT PACIFISM

A corporal's guard of peace workers, no matter how valiant, cannot fight the battle for peace alone. If they are to win the campaign to insure that for your sons and my sons, and our sons' sons, there shall be no more war, they must have reinforcements. I hesitate to employ such militant language in speaking of peace efforts. It is a reflection upon the peace efforts of previous generations that, in order to be forceful, one naturally describes the campaign for peace in the language of war. But peace work calls for that sublime inconsistency of which women are so entirely capable; it calls for militant pacifism. Pacifism that is militant in the sense that militant means combative. For our peace efforts, our militant pacifism, must seek to combat the activities of the men who profit by war. It must seek to combat all the centuries of war propaganda that lie behind us.—Elizabeth Dickens Shaffer in the Household.

Art is a human activity having for its purpose the transmission to others of the highest and best feelings to which men have risen.—Tolstol.

And so, at this anniversary time, as the man who, when 19 years old, was superintendent of the little "printing department" from which the first number was issued, I salute the professor of the present "depart-



A. A. STEWART

ment of journalism" and those engaged with him in loyalty and efficiently maintaining through THE INDUSTRIALIST the high standards of practical education set up by President Anderson in the first years of the paper. These 60 years cover the most important period in the history of industrial education, which had its very beginnings in the Kansas State college.

IN OLDER DAYS

From the files of The Industrialist
TEN YEARS AGO

Mrs. W. Y. Morgan of Hutchinson presented the college her private collection of war posters. The collection, made by Mr. Morgan while he was in France during the war, was to be used in applied art work at the college.

The annual Quill short story contest on the campus was won by Frances Clammer, Manhattan, with the story "Martie." "Slats," by S. I. Thackrey, Manhattan, placed second. Leland Gibson's Whitewater story placed third.

TWENTY YEARS AGO

College music students were rehearsing "The Pirates of Penzance," a Gilbert and Sullivan opera to be presented under the direction of Olof Valley, professor of music.

Three college records were broken when the Aggies defeated the Oklahoma university track team. With a throw of 121 feet 2 inches, E. H. Smith set a new discus record; H. H. Frizzell won the high jump at 6 feet 1-4 inch; and M. L. Holroyd made the 100 yard dash in 10 seconds flat.

THIRTY YEARS AGO

Nearly a thousand visitors came to the campus from Norton, Phillips, Jewell, and Smith counties. The educational excursion—twelve car-loads by train—was the largest yet to visit the school.

About 150 members of the two classes attended the senior-junior reception in Kedzie hall, when the historic shepherd's crook passed to the junior class. Time was spent in making May baskets and voting on the prettiest girl of each class. Miss Jessie Sweet was elected the prettiest senior, and Miss Daisy Harner received the honor from junior classmates.

FORTY YEARS AGO

Preparations were being made in the sewing department for an exhibition of work at commencement.

College telephones, seven in number, were to be connected by June 1. President and Mrs. Fairchild and Mrs. Kedzie were planning a European trip for the summer vacation. They expected to be met at Liverpool by David Fairchild, who was studying in Germany. President Fairchild was commissioned by Governor Morrill to investigate various systems of irrigation on the continent.

FIFTY YEARS AGO

Two handsome cut-stone hitching

posts were placed near the main building, and a third in front of Mechanics hall.

It was estimated that 2,585 students had been connected with the college since its organization, 841 of whom were young women and 1,744 young men.

SIXTY YEARS AGO

The Bluemont baseball club of the college went to Randolph where they defeated the Clippers of Blue Rapids.

Among the "evidences of spring" reviewed in THE INDUSTRIALIST were a school picnic down on the Wildcat and a more select group which took a buggy ride to Fort Riley and had a picnic in the woods.

GRASS

Carl Sandburg

Pile the bodies high at Austerlitz and Waterloo.
Shovel them under and let me work—I am the grass; I cover all.

And pile them high at Gettysburg
And pile them high at Ypres and Verdun.

Shovel them under and let me work.
Two years, ten years, and passengers ask the conductor:
What place is this?
Where are we now?

I am the grass.
Let me work.

SUNFLOWERS

H. W. D.

AFRAID

Not a great while ago the merest chance threw me in the company of a fellow who is very much afraid. And what he is afraid of is that radio and movies are rapidly undermining the mentality of youth.

He's afraid the next generation is going to be so full of hokum and hokey and hotcha that good judgment will be so rare it will be found only in fire-proof vaults and other inaccessible places.

I might agree with him if I based my decision on the type of movie and the kind of radio program he seems to think crowd out all others. But I happen to have a good deal of contact with representative citizens of the youth world, and I happen to deduce—from that good deal of contact—that the harum-scarum-brained boys and gals of our deliriously free commonwealth are becoming adept in picking the really good meat from the mess of "baloney" dished out by Hollywood, Radio City, and the other focal points in America.

Whenever I want a good healthy reaction to "mush" I pick me out an over-sexed, over-sentimentalized movie strutting its stuff before a college crowd, which by common consent of the moralists of the land is nominated to head up the depravity of the present age. Then I go look at the picture and listen to the audience. The listening is by far the bigger return from my thirty-five cent investment.

Believe me, those boys and gals are much quicker than I at picking out the overdone parts of the scenario writer's brainstorm and the director's interpretation of it. And their sighs and giggles and guffaws and asides indicate brains on the job.

I find at the same time that representatives of the older, purer, and saner generation do not react so healthily. Their faces are stern and their lips set. It's a sordid business with them—this kissing on the silver screen. If taken at all, it's to be taken seriously. They even seem to disapprove of their son's and daughter's snickering at it and making wise-cracks.

The same goes for the idiotic type of radio program that makes up in riotous slapstick what it necessarily lacks in over-ardent osculation. The youngsters pick up the noisy slapstick, of course, and flay folks with it now and then. But, thank heaven, they recognize it for what it is and forget it long before the moralists catch on to the fancied danger of its undermining the sanity of our next crop of conservative, middle-aged people.

But the gentleman I chanced to meet was very much afraid. He was enjoying his dismay so thoroughly that I agreed with him. I never was much of a hand at taking pretty playthings away from children.

AMONG THE ALUMNI

C. A. Scott, '01, is state supervisor of the plains forest shelterbelt project in Kansas. Mr. Scott resigned as state secretary of the Kansas state horticultural society to undertake his new position.

A. W. Kirby, '08, is a pastor in Monticello, Mo. He has four churches.

Leaffa Randall, '09, is teaching in the related arts department at the Stout institute, Menomonie, Wis., this semester.

Lura B. (Houghton) Horton, '13, is teaching at the boys' industrial school in Topeka.

Arthur G. Beckman, '14, is living at Humboldt, Iowa.

Vard Worstell, '14, is a farmer and fruit grower at Troy.

P. W. Cockerill, '15, is head of the department of agricultural economics at the State College of New Mexico.

F. W. Milner, '15, is an ice cream specialist with the state of California. He lives at 1229 Fifth avenue, Los Angeles, Calif.

Lillian Jeter, '16, is teaching home economics at the Stout institute in Menomonie, Wis.

Claude E. Lovett, '16, is farming and ranching at Stratford, Tex.

Katherine (Miller) Hicks, '18, is now at route 9, box 338, Jefferson Barracks, Mo.

Trafford W. Bigger, '19, is in the turbine department of the General Electric company at Schenectady, N. Y. He is doing development work with the mercury vapor system of power generation. He and Myrtle (Dickerhoof) Bigger, f. s. '19, live at 1317 Regal avenue, Schenectady, N. Y.

Nora May Dappen, '19, is chief dietitian in the United States Marine hospital at Fort Stanton, N. M.

Glenn William Oliver, '20, is manager of the Pueblo, Colo., branch office of the Fire Companies Adjustment bureau, Inc. He and Rebekah (Deal) Oliver, '23, live at 3109 High street, Pueblo, Colo.

Bessie (Burkdoll) Cook, '20, is attending the University of California at Berkeley. Her address is 2339 Hilgard avenue, Berkeley.

Fred W. Boyd, '21, is superintendent of the Warm Springs Indian agency, Warm Springs, Ore.

Dr. Chauncey E. Sawyer, '21, is veterinarian with the Western Washington experiment station, State College of Washington, Puyallup, Wash. He is doing research and service work in poultry diseases and Bang's disease.

Aubrey M. Lee, '22, is research pathologist at the College of Agriculture and experiment station, University of Wyoming, Laramie, Wyo.

John H. Hofmann, '23, is hydrographer with the East Maui Irrigation company, Ltd., Paia, Maui, T. H.

Willard Clarence Fulton, '23, is farming at Harper. His address is route 3, box 20, Harper.

Thelbert L. Weybrew, '24, is a railway engineer for the Westinghouse Electric and Manufacturing company, East Pittsburgh, Pa.

Margaret E. Raffington, '24, is an associate professor of home economics at Michigan State Normal college, Ypsilanti, Mich. She teaches foods and nutrition and has charge of the practice house. Her address is 306 North Normal, Ypsilanti.

C. W. Schemm, '25, is an industrial engineer with the General Electric company. He is at the sales office in St. Louis, Mo. He and Emilie Marie (Ginther) Schemm, f. s. '25, live at 296 Edwin avenue, Kirkwood, Mo.

H. G. Webber, '25, with Dr. A. M. Bissing of Dodge City, is touring the south this winter and putting on exhibitions of burro ball or soft ball played on donkeys. They planned their itinerary so that they would be able to attend the Mardi Gras in New Orleans.

William A. Johnston, '26, is an engineer with the Illinois state highway commission. He lives at Carbondale, Ill.

Earl Knepp, '26, is teaching vocational agriculture in the Frankfort high school, Frankfort.

Carrie (Justice) Fulkerson, '27, is living at Cimarron.

Brighton A. Kahn, '27, is an engineer with the Southwestern Bell Telephone company in Kansas City, Mo. He is doing engineering work at the central office. Mr. Kahn lives at 6732 Locust street.

Albert H. Ottaway, '28, and Clare (Russell) Ottaway, '28, live at Goddard. Mr. Ottaway is farming.

V. E. McAdams, '28, is county agent of Barger county. His address is 204 East Kansas avenue, Medicine Lodge.

Lieutenant Temple F. Winburn, '29, is a civilian conservation corps property officer. He is stationed at Grand Marais, Minn.

Albert B. King, '29, is with the division of fish and game for the state of California. He is located at the state game farm at Chino, Calif.

Lawrence Parker, M. S. '29, is on the faculty of Kansas State Teachers college at Pittsburg.

John W. Decker, '30, is assistant county agent at Alma.

Miles C. Leverett, '31, is assistant chemist in the general production laboratory of Phillips Petroleum company at Bartlesville, Okla.

The address of Richard R. Marsh, M. S. '31, is box 601, Gunnison, Colo.

George Gillespie, '32, is home-stead rehabilitation adviser at Clay Center. His address is 403 Blunt, Clay Center.

Chester Anson Paige, '32, is in the service of the bureau of animal industry. His address is 1640 West Fourteenth street, Oklahoma City, Okla.

Charles DuBois, M. S. '32, is living at 1020 McGee street, Kansas City, Mo. He is with the Kansas City Consumers' league.

Elsie Dell Kruger, '33, is teaching at Clinton, Ark.

The address of Fred H. Walker, Jr., '33, is box 628, Salem, Mass.

Whitney Teall, '33, has been in charge of construction work on the Kinney dam being built by civilian conservation corps workers southeast of Garden City.

Lieutenant D. R. Johnston, '33, is stationed at Camp Fair Park, Little Rock, Ark.

Dr. B. B. Coale, '34, is with the California state bureau of animal industry. His address is 2715 Hill street, Huntington Park, Calif.

MARRIAGES

SUMMERS-OVERBEY

The marriage of Frances Summers and Harold W. Overbey, '33, was April 21 in Manhattan. Mr. and Mrs. Overbey are living in Winfield.

DAVIS-FRIEL

Announcement has been made of the marriage of Ella Rae Davis and Keith Gerald Friel, '32, April 10 at Alma. Mr. and Mrs. Friel are at home at 1013 Laramie street, Manhattan.

KECKLEY-DOLE

The marriage of Nadyne Keckley and Harry Stillman Dole, '30, took place May 5 at the home of the bride's parents in Almena. Mr. Dole is rehabilitation supervisor of Lane county. They will live at Dighton.

SMITH-RIEPE

The marriage of Helen Mildred Smith, '31, and Ronald C. Riepe, '30, took place May 4 at the home of the bride's parents in Augusta. Mr. and Mrs. Riepe are living at 720 West Forty-eighth street, Kansas City, Mo.

PENCE-HOOD

Mildred Pence, '23, and Garrett O. Hood were married April 16 at Carthage, Mo. Mrs. Hood has been employed in the Central National bank of Carthage for several years. Mr. Hood is a merchant in Lockwood, Mo., where they will live.

BEASLEY-CROSS

Ruth Beasley and Newton Cross, '28, were married April 28. Mr. Cross is announcer for the N. B. C. Kansas City Rhythm Symphony radio program and for the WDAF "Air Adventures of Jimmie Allen." They live at 722 Ward Parkway.

HARDING-REED

The marriage of Maxine Harding, f. s. '32, and Maurice Reed took place March 25 in Denver, Colo. For the

LOOKING AROUND

KENNEY L. FORD

All alumni of Kansas State college are invited to a dinner on May 18 honoring H. C. Rushmore, '79, who is moving to 1123 Maple avenue, Pasadena, Calif. This alumni dinner and meeting will be held at 6:30 o'clock Saturday, May 18, at the Hyde Park hotel, Thirty-sixth and Broadway, in Kansas City, Mo. Tickets are \$1.00 and reservations should be made by Thursday if possible. B. M. Anderson, '16, president of the Kansas City, Kansas State college alumni association, 801 East Armour, apartment 802. Kansas City, Mo.; and Madeline (Baird) Paterson, '14, secretary of the same organization, 3521 Central avenue, Kansas City, Mo., are in charge of arrangements for the dinner.

Mr. Rushmore was one of the founders of the alumni association, was instrumental in establishing the alumni loan fund in 1916, and has missed few of the annual commencements since his graduation.

George Rogler, Matfield Green, a senior in agriculture at Kansas State college, is the first paid up life member in the K. S. C. alumni association from the graduating class of 1935. These life memberships cost \$50 and the money is used in the student loan fund.

George is the last of a well known Kansas family to be graduated from Kansas State. His father, Senator Henry Rogler, was graduated in 1898 and his mother, Maud (Sauble) Rogler in 1901. Their children were graduated as follows: Helen and Wayne in 1926, Irene in 1929, and George in 1935.

past few years Mrs. Reed has been singing with various orchestras in the east and in Colorado. Mr. Reed is with the same orchestra.

LYMAN-HARNES

Marcella Lyman and John David Harness, '28, were married April 20 in Augusta. Mr. Harness is associated with the Hahner-Foreman Construction company in Wichita. Mr. and Mrs. Harness are living at 2705 East Douglas avenue, Wichita.

JOSE-STAFFORD

The marriage of Eleanor Jose of Green and Loren Stafford, f. s. '30, took place April 7 at the home of the bride's parents. Mrs. Stafford has been operating a beauty shop in Leonardville for several years. Mr. Stafford is associated with his father in the automobile business there.

ORCUTT-CRESS

The marriage of Charlotte Orcutt of Collingswood, N. J., and Jay J. Cress, '31, took place April 27 in Collingswood. Mr. Cress is connected with the R. C. A. Victor company at Camden, N. J. They are living at the Colonial apartments, White Horse Pike, Oaklyn, N. J.

HERMAN-PARTINGTON

The marriage of Esther Herman, '30, and Paul L. Partington took place in Chicago March 23. Mrs. Partington has been working in Chicago for the past two years. Mr. Partington is in the insurance business. They will live at 601 West 115th street, New York City, N. Y.

ALLINGHAM-DELLADIO

Announcement was made recently of the marriage of Patricia May Allingham and Stephen Delladio on April 14, 1934. Mr. Delladio is a senior at Kansas State college and will receive his degree in electrical engineering this spring. Until the close of school Mr. and Mrs. Delladio will be at home in Manhattan.

RICHT-IRWIN

Announcement was made recently of the marriage of Dr. Helen Richt, '32, and Dr. William Irwin, '33, December 30 in Norman, Okla. Mrs. Irwin is a technician with the pathology department of the division of veterinary medicine at the college. Doctor Irwin is with the federal bureau of animal industry in Oklahoma.

SCHMEDEMAN-WALKLIN

The marriage of Gladys Schmedemann, '30, and Leonard Walklin took place April 28 in Manhattan. Mrs. Walklin has been music supervisor in the public schools of Pawnee City,

Nebr., for the past five years. Mr. Walklin is a pharmacist in the Rexall store at Falls City, Nebr. They will make their home in Falls City.

MAUPIN-SLEEPER

Virginia Maupin, f. s. '29, and John L. Sleeper were married March 24 in Iola. Mrs. Sleeper has been touring the eastern states with a unit of the Broadway Melody Cruise for the past few months. Mr. Sleeper has charge of the General Electric store in Chanute. They are at home in an apartment at 907 South Highland, Chanute.

EILER-HURLBUT

Margaret Eiler, f. s. '32, and Lloyd Hurlbut, '32, were married April 20 in Kansas City. Mrs. Hurlbut has been employed by the Sutherland Lumber company for the past three years. Mr. Hurlbut is an assistant teacher and research worker in the agricultural engineering department of Nebraska university. They are living at 5124 Leighton avenue, Lincoln, Nebr.

KIMBALL-HOUSEHOLDER

The marriage of Pattie Kimball, f. s. '34, Manhattan, and Jack Householder, f. s. '33, Clay Center, took place April 27 at the home of the bride near Manhattan. Mrs. Householder has been employed in the college bookstore in Manhattan for the past few years. Mr. Householder is managing a filling station in Clay Center. They will live at 1620 Seventh street, Clay Center.

ADAMS-MICHAEL

The marriage of Marjorie Adams, Clifton, and Dr. Lloyd Michael, '34, Eudora, took place May 4 at Flagstaff, Ariz. Mrs. Michael has been employed as an office secretary in the extension division of the college for a year. Doctor Michael is employed by the United States bureau of animal industry. He is doing tuberculosis eradication work at Phoenix, Ariz.

BIRTHS

Dr. William I. Conger, '33, and Grace (Workman) Conger, f. s. '32, of Ionia, are the parents of a son, Daryl Gene, born May 3.

Fred Serra and Avis (Wickham) Serra, '27, are the parents of a daughter, Audrey Jean, born April 24. Mr. and Mrs. Serra live at East Northport, Long Island, N. Y.

Duard W. Enoch, '27, and Fern Venna (Stewart) Enoch announce the birth of a son, Duard, Jr. The address of Mr. and Mrs. Enoch is 4746 Roanoke Parkway, Kansas City, Mo.

DEATHS

MOORE

Bela Moore, f. s. '10, of Malta Bend, Mo., died April 28 of peritonitis which followed an operation for appendicitis. Mr. Moore is survived by his wife, Harriet (Dunn) Moore, '13; three children; his father and mother; and one brother.

Fritz Wins Scholarship

Wilbert Fritz, '27, has been awarded a \$1,500 fellowship at Columbia university where he expects to work on his doctor of philosophy degree in economics. He has been an instructor in the bureau of business research at the University of Pittsburgh since 1929. He has been granted a leave of absence from that position in order to accept the scholarship. Mr. Fritz won his master's degree at Northwestern university in 1928. In 1928-29 he held a fellowship in the bureau of business research at New York university.

Golfers Break Even

Kansas State's golfers broke even in two team matches during the past week, losing to the University of Nebraska team 14 to 4 at Lincoln and defeating Creighton university, Omaha, Saturday on the Manhattan country club course, by a score of 11½ to 6½.

Crayon Art Talk

Miss Maria Morris of the art department gave a talk of "A Pageant of Clothes" May 3, at the Women's City club, Emporia, illustrating it with crayon sketches.

RECENT HAPPENINGS ON THE HILL

The 1935 Royal Purple, resplendent in an attractive, deeply embossed red cover, has been enthusiastically received following its distribution on the campus May 1. More individual pictures, more snapshots, more pages, and carefully edited copy make the 1935 book outstanding. C. J. Medlin, graduate manager of publications; Spencer Wyant, editor; and Howard Moreen, business manager, and a staff of assistants published the yearbook.

Rainfall of the past ten days has made a remarkable improvement in the grass, trees, and shrubbery of the campus. Relief from the extended drouth has enabled campus plant life to again take on its old time attractiveness.

Wilma Ray Womer, Topeka, was elected president of Phi Sigma Chi, national women's pep organization, at the recent convention in Lincoln, Nebr.

Phi Epsilon Kappa, national honorary fraternity for physical education majors, held its annual spring banquet at the Wareham hotel Saturday. Dean R. W. Babcock was the speaker. Alumni members present were: Raymond Schlotterbiek, coach at Wichita North high school, and Fritz Knorr, coach at Waterville high school. In a short meeting, Jim Edwards was chosen a delegate to represent this chapter at a district convention at the Fontanelle hotel in Omaha May 27.

Lieutenant-Colonel John S. Sullivan, of the military department, will head for the third time the officers and enlisted personnel of the citizens military training camp to be held July 23 to August 22 at Camp Pike in Little Rock, Ark. Approximately 675 Arkansas youths are expected to attend.

Clarence Crawford, Luray, was elected president of the Society of Agricultural Engineers at their meeting Monday, May 13. Other officers elected were: J. M. Johnson, Sylvia, vice-president; Carl McKee, Offerle, secretary; and William Walker, Junction City, treasurer.

W. A. A. will present a blanket to the most outstanding physical education senior at its formal spring banquet in Thompson hall, Thursday at 5:45 o'clock. Other awards to be given will include a swimming prize to the most outstanding Frog club member.

The Electron club, a local electrical engineering group, was initiated into the national electrical engineering fraternity, Kappa Eta Kappa, Thursday night. It will be known as the Eta chapter. Initiation at the Wareham hotel was followed by a banquet.

The agricultural association, composed of all students in the division of agriculture, elected officers at a meeting Thursday. The officers are: Philip Ljungdahl, Menlo, president; Fred Fair, Raymond, vice-president; David Reid, Manhattan, secretary; Leonard Miller, Agra, treasurer; Royce Murphy, Norton, editor of the Agricultural Student; Ned Thompson, Manhattan, business manager; Earl Parsons, Manhattan, manager of the 1935 Ag Barnwarmer; Robert Latta, Holton, assistant manager of the Barnwarmer; and Bob Kirk, Scott City, treasurer.

Cosmopolitan club members entertained with a dinner dance Saturday night, May 11, in Thompson hall. Cosmopolitan club members from the Winfield chapter, recently organized by the Kansas State group, attended. A picnic breakfast Sunday morning in Long's park honored the Winfield visitors.

Broadcast Postponed.

A proposed simultaneous television broadcast over W9XAK and sound broadcast over KSAC has been postponed because of delay in securing the license necessary to use short waves to transmit sound from the engineering building to the studio of KSAC in Nichols gymnasium.

INTEREST OF FIELD DAY VISITORS IS IN PASTURES

QUERIES INDICATE SERIOUSNESS OF GRASS PROBLEM IN KANSAS

Poultry, Dairy, and Horticulture Departments Cooperating in Furnishing Program for Agronomy Days This Week at College

Questions of visitors were frequently about pastures as farmers from eastern Kansas gathered this week at the agricultural experiment station and the college to attend agronomy field days on Tuesday, Wednesday, and Thursday. The queries on pastures and the yield and quality of pasture from grain cereals indicated the seriousness of the grass problem in the state.

Farmers from the north central counties of Kansas were guests on Tuesday, with Wednesday reserved for visitors from the northeast, and Thursday for those from eastern and south central counties.

The poultry, dairy, and horticulture departments cooperated with the agronomy department to furnish the program. Recent rains put experimental plots in far better condition for inspection than they have been for months, R. I. Throckmorton, agronomy department head, declared.

BROME GRASS SURVIVES

"One of the outstanding things learned regarding grasses in 1934 is the resistance of brome grass to drouth and high temperatures," Mr. Throckmorton explained. "Strains of brome grass that are being produced on the agronomy farm demonstrated last year that they are more resistant to drouth and high temperature than any of the other tame grasses. They may be as resistant or even more resistant to drouth injury than some of the native grasses."

It was explained, however, that farmers frequently find brome grass becoming "sod bound." This is simply a situation of nitrogen deficiency. Adding nitrogen or manure will correct it. Where that has been done, brome grass has yielded as much pasture over a five year period as orchard grass, meadow fescue, or other common grasses. Another way of avoiding the sod bound condition is to seed it with a legume which supplies the necessary nitrogen.

COMPARE GRAIN CEREALS

A. E. Aldous, who is in charge of pasture investigations, started experiments last fall to test the yield and quality of pasture from grain cereals. A series of plantings was made, starting with the last of August and ending with October.

"During the fall the oats and barley made approximately 30 per cent more forage than the wheat and rye," Aldous reported. "After the first of the year, however, the rye gave the highest yields followed by the wheat and then the barley. The oats were winter killed. None of the other grain cereals was injured during the past winter."

"The feeding value of the four cereals based on chemical analyses was a little higher in November for the oats and barley than for the wheat and rye. Toward the last of the year the feeding value was reduced about 15 per cent for all the cereals, the protein content being about the same for all of them."

Pasture experiments are being continued in the hope of obtaining plants that are suitable for the varying conditions of Kansas. Both native and tame grasses are being tried. The material being used includes about 1,200 plants that represent a large number of different selections for each species.

SEE NEW WHEAT VARIETIES

In the wheat experiments visiting farmers are seeing many new varieties being tested for early maturity. Among those shown and explained by Prof. H. H. Laude are some that are resistant to smut, rust, lodging, and winter killing.

The last two summers have shown uneven growth of various crops or a spotty effect where soil conditions seemed quite uniform. Neither the lay of the land or examination of the soil seemed to explain the variations. As nearly as can be stated on the basis of experimental work, the spottiness is closely related to rainfall, W. H. Metzger said.

Since alfalfa wilt is extremely bad this spring, the experimental plots demonstrate clearly the importance

of using wilt resistant strains, C. O. Grandfield told visitors. The dry weather has been hard on bacterial wilt but in spite of that the wilt has decreased the stands of susceptible varieties to where they can no longer produce a maximum yield of high quality hay. On the other hand, resistant varieties—which as a general rule are not as high yielding as susceptible varieties—have maintained good stands.

Concerning the nitrogen fixation project, Prof. H. E. Myers explained that this system of soil management was detrimental to both corn and kafir last year and shows the effect that can be expected in seasons of low rainfall. Sweet clover and alfalfa had been plowed under in the spring. Where row crops followed sweet clover which had matured a seed crop, the injury was not as marked as where sweet clover was plowed under in the spring.

MARCO MORROW TALKS TO STUDENT JOURNALISTS

Urges the Golden Mean Between Lofty Idealism and Selfish Commercialism

A genial, philosophical talk on public opinion and newspapers was given last Thursday afternoon in the journalism department lecture hour by Marco Morrow, assistant publisher of the Capper publications.

He analyzed the four divisions of opinion: radical, liberal, conservative, and reactionary, and the interaction between these or a dominant group of these and newspapers. He urged an objective attitude toward public problems, not a narrowly selfish one. There is considerable idealism in the newspaper world, even among publishers, he contended, and urged his idealist hearers to keep that attitude, but to remember to balance the should-and-ought with the can-and-will. He advocated the golden mean—a compromise between lofty idealism and commercialism.

TWELVE ADVANCED R. O. T. C. GRADUATES TO CCC DUTY

Men Who Received Commissions Were To Report to Fort Leavenworth

Twelve graduates of the advanced military training course of Kansas State college have been ordered to active duty with the civilian conservation corps. Men who received commissions were to report to Fort Leavenworth May 15 and from there will be sent to CCC camps in various parts of the country.

They are: Captain Manie Herbert Meyer, '27, Manhattan; First Lieutenant Charles Francis Smith, '28, Topeka; Frederick Walter Toomey, '30, Neodesha; Ned Hall Woodman, '28, Abilene; and Second Lieutenants Gerald Franklin Ely, '34, Manhattan; Louis Ernest Hay, '34, Clay Center; Gilbert Carlyle Moore, '33, Manhattan; Virgil Stanton Moore, '34, Altoona; Edwin George Orrick, '34, Topeka; Ralph William Sexton, '32, Neodesha; Earl Raymond Stegman, '33, Manhattan; and Homer John Stockwell, '33, Meriden.

Prof. C. H. Scholer Honored

Prof. C. H. Scholer, head of the department of applied mechanics, has been appointed chairman of the committee on materials and construction of the highway research board. This is a division of the national research council and is the most important research organization dealing with highway research. Mr. Scholer has been on the committee several years and has taken an active part in directing the trend of research.

Special Radio Program Today

Mu Mu chapter of Mu Phi Epsilon will present a program of music over radio station KSAC this afternoon from 4:30 to 5 o'clock. Miss Clarice Painter, chapter sponsor, is in charge. The program will replace that usually presented by Miss Hilda Grossmann, who conducts the weekly music appreciation period.

Conrad and Furr Named

Professors L. E. Conrad and M. W. Furr have been asked by Doctor Bishop, secretary of the Society for Promotion of Engineering Education, to serve on two committees of the newly organized civil engineering department of the society. The annual meeting of the society will be in Atlanta, Ga., June 24 to 27.

TRACKMEN DEFEAT THE SOONER AGGIES 76 TO 41

Wildcats Add Dual Victory to Brilliant Season Record—First Meeting of Schools Since 1908

Coach Haylett's Kansas State track and field team added to its brilliant season record by defeating Oklahoma A. and M. college 76 to 41 here Saturday. As a concession to the visitors, because of their small number of entries, only the first two places were counted in the scoring. A heavy track and brisk wind handicapped the performers. Fanning, Kansas State, tossed the discus 143 feet 1/4 inch and Barnum of the visitors made 23 feet 6 1/2 inches in the broad jump for the best performances. It was the first dual meet between the two schools since 1908.

Kansas State men who placed first or tied for first included: O'Reilly, McColm, Redfield, Nixon, Roehman, Stoner, Ayers, Dill, Eberhard, Fanning, Herrmann, Wheelock, M. Nixon, Robinson, and Knappenberger.

The summary:

100-yard dash—Won by Nixon, Kansas State; Rooks, Kansas State, second. Time, 10.8.

100-yard dash—Won by Wright, Oklahoma A. and M.; Knappenberger, Kansas State, and Barnum, Oklahoma A. and M., tied for second. Time, 10.1.

Shot put—Won by Tichenor, Oklahoma A. and M.; Bell, Kansas State, second. Distance, 46 feet, 10-15 inches.

High jump—Tie for first between Tichenor, Oklahoma A. and M., and Roehman, Kansas State. Height, 6 feet.

120-yard high hurdles—Won by Stoner, Kansas State; Knappenberger, Kansas State, second. Time, 16 seconds.

Pole vault—Won by Ayers, Kansas State; Hemphill, Kansas State, and Wyatt, Oklahoma A. and M., tied for second. Height, 11 feet, 6 inches.

880-yard run—Dill and Eberhard of Kansas State tied for first and second. Time, 1:58.7.

Discus—Won by Fanning, Kansas State; Tichenor, Oklahoma A. and M., second. Distance, 143 feet, 1/4 inch.

220-yard dash—Won by Wright, Oklahoma A. and M.; Gray, Oklahoma A. and M., second. Time, 23 seconds.

Broad jump—Won by Barnum, Oklahoma A. and M.; Stoner, Kansas State, second. Distance, 23 feet, 6 1/2 inches.

Javelin—Won by Herrmann, Kansas State; Hemphill, Kansas State, second. Distance, 161 feet, 5 1/2 inches.

2-mile run—Tie for first between Wheelock, M. Nixon, and Robinson of Kansas State. Time, 10:35.2.

220-yard low hurdles—Won by Knappenberger, Kansas State; Wyatt, Oklahoma A. and M., second. Time, 25 seconds.

1-mile relay—Won by Oklahoma A. and M.; Kansas State came in first, but was disqualified.

NATIVE COSTUMES FORM HOSPITALITY WEEK EXHIBIT

Philippine Tribal Patterns, Hand Woven Silks of India, and Siamese Embroidery Included

Among attractive exhibits prepared by the art department and shown during Hospitality week was an unusual one of native costumes. Native Philippine costumes were loaned by Mrs. L. R. Crews. These were hand woven native mountain costumes for men and women, made in the mountains from native fibers and dyes.

Each of the Philippine mountain tribes has its own tribal pattern. A colorful costume worn by a wealthier woman was in this exhibit as was a large handwoven blanket. Photographs of natives in costume completed the Philippine exhibit.

The Indian exhibit loaned by G. S. Rathore, native student from India, included a silk scarf, embroidered shoes, hand woven and embroidered silk table square, and a hand woven silk sari in turquoise blue with a tiny embroidered floral pattern.

Mrs. William Lindquist loaned a Swedish wedding scene in color and Thelma Mathes loaned a Siamese embroidery used in women's costumes. Hand-made Czechoslovakian native costumes owned by the art department were displayed.

Illustrations of modern French adaptations of the sari and designs made by students in costume design classes; dresses that are adaptations of native costumes from various countries were included.

DEFERRED FEEDING RETURNS NET PROFIT OF \$8.40 A HEAD

New Method Devised to Make Use of Large Grass Acreage

A method of feeding which enables stockmen to utilize grass satisfactorily in fattening young cattle, developed at the Kansas agricultural experiment station, has returned an

average net profit of \$8.40 a head for station cattle fed by that method during the past four years, according to Dr. C. W. McCampbell, head of the animal husbandry department.

This method, known as the Kansas deferred system of feeding, consists of wintering well some good quality young cattle, grazing them without other feed to August 1, and then full feeding them 90 to 100 days in a dry lot. The increasing demand for light butcher weights by packers means that cattle must be ready for market at an early age. Young cattle do not get fat enough on grass alone to satisfy packer requirements, Doctor McCampbell pointed out.

The new feeding method was devised to make use of the large acreage of grass available to Kansas cattlemen. Those who have used the plan report it practical and profitable.

WATER COLORS, JEWELRY EXHIBITED HERE TWO WEEKS

Lockard Papers, Craver Hand Wrought Rings, Necklaces, Metal Work Displayed

Water colors and metal work are sharing honors this week and next in the gallery of the department of architecture. Gracing its walls are 24 papers by Robert I. Lockard, '30, most of them continuing his trend of presenting "the American scene." Though his cool blues still dominate, there is more than his former amount of warm coloring among the new papers.

Carefully guarded in a show-case are 16 metal pieces showing the versatility of Margaret Craver, Copeland. Miss Craver is a graduate of Kansas university, of Columbia university, and has been a student in Tiffany's. A copper tray, a cream and sugar set in pewter are typical of her larger pieces. Of the delicate, intricate pieces a topaz and tourmaline necklace is bringing forth the most admiring exclamations.

LIVESTOCK MEN HERE FACE CATTLE DISEASE OUTBREAK

Farmers Urged to Get in Touch with Veterinary Division

Farmers near Manhattan are faced with a cattle disorder characterized by scabs forming on ears, sluffing off of the end of the tail, nose blisters, eye swellings, scabs on teats, and scabby, tough areas on the skin which sometimes cause the hair to fall.

A common symptom is kicking at the udder, stamping of the hind feet and switching of the tail, according to members of the staff of the division of veterinary medicine.

A preventive measure which has worked satisfactorily is to feed cattle which are on wheat and rye pasture an increasing amount of tankage, starting with a quarter pound and increasing to four pounds a head each day. Although the cause of the disease is not known, injection of certain chemicals into the blood stream seems to correct the trouble. Cattlemen who find the disease in their herds are urged to get in touch with the clinic of the veterinary division.

COMMENCEMENT WEEK

SATURDAY, MAY 25

Alumni Day

Class Reunions

'80 '00 '20

'85 '05 '25

'90 '10 '30

'95 '15

12:00 noon. Class luncheons.

2:00 p. m. Alumni business meeting, Recreation center.

6:00 p. m. Alumni banquet to seniors, Nichols gymnasium.

SUNDAY, MAY 26

4:00 p. m. Commencement concert, auditorium.

7:40 p. m. Academic procession.

8:00 p. m. Baccalaureate services, Memorial stadium. Sermon by Most Reverend Francis C. Kelley, Bishop of Oklahoma City and Tulsa, Oklahoma City, Okla.

MONDAY, MAY 27

4:00 to 5:30 p. m. Alumni-Senior reception, president's residence.

7:40 p. m. Academic procession.

8:00 p. m. Graduation exercises, Memorial stadium. Address by Dr. Francis David Farrell, president of Kansas State College of Agriculture and Applied Science, Manhattan.

WILDCAT ERRORS ENABLE SOONERS TO TAKE TITLE

KANSAS STATE RETAINS THIRD PLACE IN BIG SIX BASEBALL

Victory Brings O. U. Record to 11 Consecutive Wins, Five Aggie Mis-cues Give Visitors Their Winning Runs

Five costly Kansas State errors enabled the University of Oklahoma baseball team to clinch the Big Six championship here Friday by defeating the Wildcats 9 to 5. The game scheduled for Saturday was called off because of wet grounds.

Victory brought the Sooner record to 11 consecutive wins for the season, including seven conference games. Iowa State is trailing the Sooners with four wins and one loss. Kansas State remains in third place with five wins and five losses.

Frank Cooley went the route for Kansas State, allowing 12 hits. Parks of Oklahoma allowed but nine hits in as many innings. Five errors by the Wildcats loaded the paths for runs which won the game for Oklahoma.

Wierenga sent K-State ahead when he scored in the second inning. The Oklahomans went into the lead to stay when Hunter, Sooner right fielder, homered in the fourth.

Kansas State finished its scoring by pushing across two runs in the fourth and two more in the seventh. The latter inning proved to be the Sooners' best when their hitters rapped out five safe blows which were converted into four runs. Neither team scored in the last two innings.

McDANIEL BACKED FOR PHI KAPPA PHI AWARD

Thornbrough Highest Grades Among Seniors—Ackert New President

Albert A. Thornbrough, Lakin, was announced as having the highest grade average for six semesters, at the annual Phi Kappa Phi banquet last Thursday night in Thompson hall. His point average was 2,939, close to a straight A record. Lloyd E. McDaniel, Michigan Valley, was presented as the one chosen as a candidate for one of the three national Phi Kappa Phi \$500 scholarships; his grade average was 2,922. Two years ago Marjorie Pyle was the Kansas State candidate and won one of the three, using hers for postgraduate work at the University of Kansas.

Dr. A. C. Fay was toastmaster at the banquet; speakers were Dr. J. C. Warren, Prof. R. W. Conover, Dean R. R. Dykstra, Ruth Langen-walter, Wichita, Ivan Pratt, Hope.

Officers elected for next year were: Dr. J. E. Ackert, president; Prof. R. J. Barnett, vice-president; Dr. Roy C. Langford, recording secretary; Dr. Martha Kramer, corresponding secretary.

Helander Writes for Journal

Power Plant Engineering, technical journal of mechanical engineering, includes in the May, 1935, issue, an article by Linn Helander of the mechanical engineering department. The article, "Economy in the Generation and Use of Industrial Power and Steam," constitutes part one of a series of articles by Professor Helander. Part two will appear in the June issue.

Return for Mother's Funeral

Carl D. Adams, '95, Wauwatosa, Wis.; Harvey C. Adams, '05, and Ernest L. Adams, '07, Chico, Calif.; Effie Adams, '11, Kansas City; Elsie Tagge, '13, Holton; Katherine Gar-lough, '14, Wichita; and Ruth Skinner, '16, La Jolla, Calif., were in Manhattan recently to attend funeral services for their mother, Mrs. Rachel Adams.

Attend A. I. E. E. Meeting

R. G. Kloeffler, R. M. Kerchner, L. M. Jorgenson, and E. L. Sitz of the department of electrical engineering attended a sectional meeting of the American Institute of Electrical Engineers in Kansas City Friday night. Mr. Kloeffler remained in Kansas City Saturday to consult employers of electrical engineering students.

Organ Recital May 20

An organ recital will be given by students and faculty of the music department, May 20, in commemoration of the 250th anniversary of the birth of Bach. R. R. Jesson will have charge of the program.

THE KANSAS INDUSTRIALIST

Volume 61

Kansas State College of Agriculture and Applied Science, Manhattan, Wednesday, May 22, 1935

Number 31

THREE MEN TO ADDRESS GRADUATES MONDAY NIGHT

**FARRELL, LANDON, McLAUGHLIN ON
COMMENCEMENT PROGRAM**

**Bishop Kelley To Give Baccalaureate
Sermon—Both Graduation Events To
Be in Stadium—Alumni Pres-
entation Monday Night**

The last official words of admonition and counsel for the class of 1935 will be pronounced by President F. D. Farrell, Governor Alf M. Landon, and Regent Drew McLaughlin, at the commencement ceremonies, and by the Most Rev. Francis C. Kelley, bishop of Oklahoma City and Tulsa, in the baccalaureate sermon. All will be spoken from a platform erected on Memorial stadium field, the former Monday night, May 27, and the latter Sunday night, May 26.

Bishop Kelley's address will be entitled "Dropping the Pilot," and President Farrell's "Social Responsibility."

Dr. William Jardine, president of Wichita university and former head of Kansas State college, will be present and will sit on the speakers' platform Monday night from where he will see his brother, James T. Jardine, receive a doctor of science degree.

For both events the audience is asked to be assembled and seated by 7:45 o'clock so that all will be seated before the processional of graduates. Should rain make it impossible to have the exercises in the stadium, the auditorium will be the setting, in which case faculty members and townspeople are asked not to crowd out-of-town people from the auditorium.

The college orchestra will play the processional for both services: "War March of the Priests," by Mendelssohn for baccalaureate and the Aida march by Verdi for commencement. For the Sunday night program Max Martin will play "Irish Lament," by Franko, and the college quartet will sing "Domine Jesu," by Verdi. Music for the commencement program will be Saint-Saens' bacchanale from "Samson et Dalila" played by the college orchestra and Meyerbeer's "Thou Enchanted Land" from "L'Africaine" sung by Prof. Edwin Sayre.

The alumni of '80, '85, '90, and '95 will be presented at the conclusion of the commencement exercises.

DUST STORMS MERE TRADING OF SOIL, THROCKMORTON SAYS

**College Agronomist Speaks in Chicago
at Meeting of Experts**

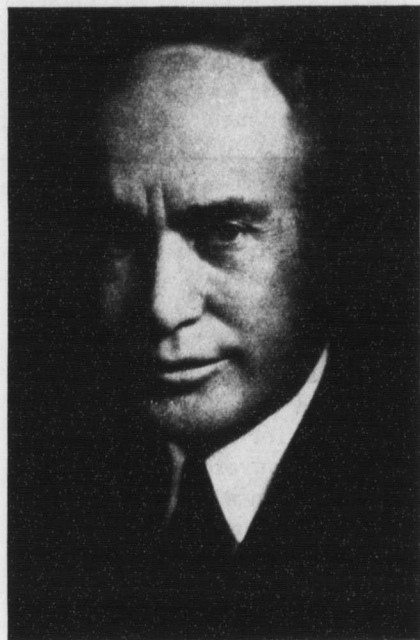
Picturing the dust storms of the southwest as merely "swapping of real estate," Prof. R. I. Throckmorton, head of the department of agronomy, told a conference of agronomists in Chicago Saturday that water erosion was doing more to denude the land of cultivatable soil east of the Missouri river than have the dust storms in the west.

Sharing his views were experts from ten western state agricultural schools who met to discuss research in fertility resources of the United States. It was one of a series of meetings throughout the country under the sponsorship of the American Society of Agronomy to study land resources and to lay plans for greater conservation.

"I am sure," Professor Throckmorton told his audience, "that the damage from dust storms was far less than generally believed. There was, of course, a shifting of some dust to the eastern states, but the greatest portion was whipped back and forth over the affected region, in other words a 'swapping of real estate'."

Throckmorton is the author of an article in the May 9 issue of the Engineering News-Record in which he discusses the recent severe conditions from drought and dust in the southwest. In the last fortnight, this area, now famous as the "dust bowl," has received generous to abundant rains.

Commencement Speaker



President Francis David Farrell of the college will deliver the principal address Monday night at exercises for the 1935 graduating class.

COLLEGE WOMEN WORK OUT PRACTICAL HOME PROJECTS

**Will Develop Proficiency in Budgeting,
Cooking, Marketing, Room Deco-
ration During Vacation**

Summer home projects are the subject of much interested planning in the division of home economics this week and next. Faculty members are offering their services to any student who wishes advice in working out a plan for developing skill during the vacation in any phase of home economics work.

"A project to fit the girl—her need and her environment" is the ideal—one which will help her to become proficient in some sort of work touched upon in her classes. Some are to do the family's foods marketing for the summer; others plan to prepare all the family dinners. Some will work out a clothing budget for the next school year, or the fall and winter wardrobe for some member of the family, or make over clothes. Other projects are being worked out along interior decoration, or some other art lines.

BLACKMAN AND HAGGMAN TO HEAD COLLEGIAN STAFF

**First Time in History a Co-ed Has
Been Named Business Manager
of Student Newspaper**

Members of the publications board of Kansas State college set aside a precedent as old as the publication by appointing a co-ed, Miss Mary Blackman of Manhattan, as business manager of the Kansas State Collegian, student newspaper. Richard Haggman, Courtland, Kan., was named editor. The new staff members will serve during the first semester of the next school year.

Haggman was assistant editor of the Collegian during the first semester of the present school year and served several months as a reporter on the Manhattan Chronicle. He is a member of Sigma Delta Chi, honorary professional journalism fraternity, and of Scarab and Blade, national honorary military organization.

Miss Blackman is prominent in the department of journalism, was an assistant business manager during the past year, and is a member of Pi Beta Phi, social sorority.

Members of the board of publications who selected the new staff members are E. T. Keith, H. W. Davis, and R. R. Lashbrook, faculty members; and James Ketchersid, Ed Murphy, and Mildred Buckwalter, student members.

Alumni to CCC

Second Lieutenants Earl R. Stegman, '33, and Louis E. Hay, '34, coast artillery reserve, have been ordered to duty with the civilian conservation corps.

22 ARE CANDIDATES FOR MASTER'S DEGREE AWARD

**FOUR FOR WORK IN AGRONOMY—
FOREIGN STUDENTS IN GROUP**

**Sugar Cane Borer, Sorghum Diseases,
Effect Government Crop Reports on
Wheat Prices, Fattening Live-
stock, Among Research Subjects**

Twenty-two students will receive master's degrees if all goes well for them Friday at the meeting of the graduate council which will make the final decision as to their qualifications. Four, the largest group, will then receive degrees in agronomy; the department of zoology and of agricultural economics have three candidates each; institutional economics has two.

Departments having a candidate each are entomology, botany, mathematics, sociology, animal husbandry, electrical engineering, architectural engineering, poultry husbandry, history, general home economics. Three are foreign students: from Persia, Sadegh Ahi, whose research has been on physical and chemical properties of an alkali spot and an adjoining normal soil; from Egypt, Mohammed Hassan Radi, whose thesis has concerned Rhode Island Red chickens; from Roumania, Irimie Staicu, whose study has been of the movement of nitrate nitrogen in soil.

The other candidates and their thesis subjects are: August Balzer, '26, sugar-cane borer in Texas; Donald Bowman, '33, inheritance of resistance in sorghum to root, crown, and shoot rot disease; James Fitch, on operation of milk marketing agreements in cities of Kansas; Clarence Gladfelter, '24, effect of government crop reports on price of wheat; Phil Haggman, '34, volume elements intercepted by intersecting cylinders; Frederick Hill, '34, socio-economic backgrounds of 520 rural relief families in Kansas.

James Hunter, '33, lodging and drought resistance in corn; John Kenard, bluestem grass for fattening livestock; Herbert Kirby, development of a vacuum tube temperature control for metallurgical heat treating furnaces; Alvin Lowe, '33, inheritance of kernel smut resistance and other characters in the sorghum cross, blackhull kafir, and spur fetterita; Alice Marsh, organizing and financing the food unit of a cooperative residence hall; Martha O'Neill, '30, factors affecting the palatability and cost of meat in institutions.

Ivan Pratt, comparative resistance of three chicken breeds to the nematode ascaridia lineata; John Roberts, '33, factors affecting butter consumption; Margaret Tabor, inheritance of two recessive color patterns in a grouse locust; Leland Van Scoyoc, '26, the Tacna-Arica controversy; Jessie Winder, '25, responsibilities of Kansas high school home economics; Burl Zimmerman, '34, a men's athletic building for Kansas State college; Burton Baker, effect of subcutaneous injections of antuitrin-S on sexually inactive adult male ground squirrel.

BRUCE NIXON OF PARADISE HEADS NEW STUDENT COUNCIL

**McNeal, Tannahill, and Street Are
Other New Officers**

Bruce Nixon, Paradise, who received a record total of 860 votes in the recent student council election, was chosen president of the new council last week at its first meeting. Don McNeal, Boyle, was elected first vice-president; Frances Tannahill, Manhattan, secretary; and Maurice Street, Yates Center, treasurer. Other members of the council are Virginia Dole, Salina; Ronald Cooper, Wichita; and Leonard Zerull, Ellis.

The election followed installation of the new student council by the outgoing members.

All members of the new student council were candidates representing the Panhellenic party, a coalition of fraternities and sororities which opposed the Independent party organized recently.

To Be Heard Sunday



Most Rev. Francis C. Kelley, bishop of Oklahoma City and Tulsa, who will deliver the baccalaureate sermon Sunday night.

DR. MYRON W. HUSBAND TO HEAD HEALTH DEPARTMENT

**University of Minnesota Man Will Succeed
Dr. C. M. Siever Here
September 1**

Appointment of Dr. Myron W. Husband to succeed Dr. Charles M. Siever as head of the Kansas State college department of student health, has been announced by President F. D. Farrell.

Doctor Husband comes to the Kansas State department from similar work at the University of Minnesota. Since completing his internship there in 1929, he has been employed half time by the university and has devoted half time to private practice.

Born in McPherson, Kan., he attended and was graduated from the University of Kansas, with the degree bachelor of arts in 1921. Later he earned B. S., M. B., and M. D. degrees at Minnesota. Mrs. Husband, also a graduate of Kansas university, formerly lived in McPherson. Doctor and Mrs. Husband have two children.

Doctor Husband will assume his new duties here September 1. The department of student health normally has 20,000 to 25,000 student calls during a college year.

COOPERATIVE MEAL PLAN CONTINUED FOR SUMMER

**Balanced Ration Available to 75 for
Small Cash Payment and Few
Hours Work Each Week**

The cooperative meal plan at the college cafeteria will be continued through the summer session for the accommodation of summer school students, according to Mrs. Bessie Brooks West, head of the department of institutional economics. The cooperative meal plan has been used successfully four semesters at Kansas State college and is increasingly popular among the students.

This plan enables students to obtain a ticket for 144 balanced meals for \$21.50, or 72 meals for \$10.75 (cash in advance) and an average of three hours work each week in the cafeteria. Working hours are adjusted to fit the class schedule of each student.

Meals will be served beginning Tuesday, May 28, through Saturday, July 27, except May 30 and July 4. Seventeen meals are served during the week, none being served Saturday evenings or Sundays.

Summer school students who wish to participate in the cooperative meal plan should mail reservations to Mrs. B. B. West, department of institutional economics, before May 29. Not more than 75 reservations will be accepted.

Carl Brown to Wichita

Carl W. Brown, '32, recently accepted a position with the S. A. Long Electric company of Wichita.

SEES NEED OF NATIONAL PROGRAM FOR ADULTS

**PAPER BY DR. F. D. FARRELL READ
AT LINCOLN MEETING**

**Points Out Special Qualifications of
Land Grant Colleges for Participa-
tion in a Cooperative Edu-
cational Effort**

Cooperation among educational agencies in the building of a nationwide program of adult education was urged by President F. D. Farrell of the college in a paper read at the conference of the National University Extension association at Lincoln, Nebr., May 16. Doctor Farrell believes the association should stimulate the development of an informed public opinion regarding adult education and particularly the necessity for a nation-wide program.

Not as an official representative of the Association of Land Grant Colleges and Universities but as one who is connected with such an institution, President Farrell said he had no doubt that land grant colleges would join enthusiastically in a practical, nation-wide effort to promote cooperation and coordination in such a program.

'DUTY OF LAND GRANT SCHOOLS'

"There can be no reasonable doubt," Doctor Farrell said, "that land grant colleges will continue to occupy an important position in adult education."

Pointing out that land grant colleges have certain special qualifications for participation in such a national program, he mentioned several.

First, they are national as well as state institutions.

Second, they are specially equipped for the conduct of adult education.

MANY THOUSANDS SERVED

In the third place, President Farrell pointed out, land grant colleges are especially qualified by experience for the conduct of adult education. Even in normal times it was not uncommon for one land grant college to provide some off-campus educational service to a quarter of a million adults in a single year.

Smaller, but still large, numbers of adults are served on the campuses. Using Kansas State college as a typical example, he said that an average of 60 groups of adults a year, a little more than one group a week, are served on the campus in short courses. The total number of persons served annually is about 10,000.

CITES EXAMPLE OF COOPERATION

"Notwithstanding their excellent qualifications land grant colleges are by no means all-sufficient in the field of adult education. To render a maximum of service they must cooperate with other educational agencies."

As an instance of such cooperation he called attention to the extension departments of the five state schools of Kansas.

The aggregate number of correspondence courses for college credit by the five schools is 309. The number of courses duplicated in all five state schools is 4, the number duplicated in four schools is 7, in three schools 14, in two schools 33, and the number of courses not duplicated at all is 251.

Women Journalists Honored

Five college women who have shown outstanding ability in newspaper work were pledged recently by Theta Sigma Phi, honorary national fraternity for women in journalism. They were: Faye Young, Bloom; Katharine Kilmer, Kirwin; Gertrude Tobias, Lyons; Caroline Dawley, Manhattan; and Betty Miller, Salina.

Second Edition

"Home Living," written by Dean Margaret Justin and Mrs. Lucile Rust, of the home economics division, has just come out in a revised edition. Home economics, health, family relations are among the subjects treated in this high school text.

The KANSAS INDUSTRIALIST

Established April 24, 1875

F. D. FARBELL, President..... Editor-in-Chief
F. E. CHARLES..... Managing Editor
R. I. THACKERY, H. P. HOSTETTER,
RALPH LASHBROOK..... Assoc. Editors
KENNETH L. FORD..... ALUMNI EDITOR

Published weekly during the college year by
the Kansas State College of Agriculture and
Applied Science, Manhattan, Kansas.

Except for contributions from officers of the
college and members of the faculty, the articles
in THE KANSAS INDUSTRIALIST are written by
students in the department of industrial jour-
nalism and printing, which also does the me-
chanical work. Of this department Prof. C. E.
Rogers is head.

The price of THE KANSAS INDUSTRIALIST is
\$3 a year, payable in advance.

Entered at the postoffice, Manhattan, Kansas,
as second-class matter October 27, 1918. Act
of July 16, 1894.

Make checks and drafts payable to the K.
S. C. Alumni association, Manhattan. Sub-
scriptions for all alumni and former students,
\$3 a year; life subscriptions, \$50 cash or in instal-
ments. Membership in alumni association in-
cluded.



WEDNESDAY, MAY 22, 1935

COLLEGE HEALTH SERVICE

Appointment of Dr. Myron W. Hus-
band to succeed Dr. C. M. Siever to
the position of college physician turns
attention to a college department
whose work is never spectacular but
is decidedly important.

Students, irritated by the ever-
present health fee, are prone to criti-
cize what they call the "pink pill
dispensary," but their grumbling is
about superficial details. Most stu-
dents are aware that the college
health department stresses preven-
tion of disease and checking its
spread rather than curing it. If it
does nothing more than to diagnose
the contagious disease and isolate the
affected persons, it is worth while.

Statistics of the college physician's
office tell an interesting story. Over
a period of 19 years, the health ser-
vice of the college handled 357,428
student calls. That is an average of
18,812 per school year. The peak
year, incidentally, was 1930-31 when
26,679 calls were made by students.
Special vaccinations and typhoid in-
oculations were responsible for the
heavy total that year.

Since disease prevention is most
important in the college community,
figures having a bearing upon this
situation are illuminating. In 11 of
the last 13 years, more than 1,500
cases of contagious diseases have been
treated per year. In four of these
years, the number ran well over 2,000
cases. The contagious diseases were
tonsillitis, colds, influenza, mumps,
measles, whooping cough, scarlet
fever, diphtheria, chickenpox, and
typhoid. Tonsillitis, colds, and influ-
enza account for the greater number
of the contagious diseases, yet if all
the contagious disease cases were dis-
regarded, there still remain between
17,000 and 25,000 student calls per
year, in round numbers.

Tradition says that spring is the
season when one's blood is thin; one
needs a tonic like sassafras tea be-
cause one is "run down." Modern
physicians would say one's resistance
is low. And many who eye the pace
of college students might say they
must be "run down" by springtime.
But the number of calls at the col-
lege physician's office doesn't verify
that belief. Only once in 19 years
have students made more calls in the
spring than in the fall; usually many
times more in the autumn. Autumn
frequently brings more calls than
winter months, and winter always
many times more than spring.

MUSIC

Bach Organ Recital

Kansas State college's music de-
partment last Monday night added
its tribute to Johann Sebastian Bach,
whose birth 250 years ago is now be-
ing celebrated the world over.

Organ works by this great musi-
cian and composer, who is to the
world of music what Shakespeare is
to the world of literature, composed
the program.

Chorales, fugues, a fantasia, a
movement from a concerto were
played by faculty and students of the
department. Richard Jesson, head of
the organ work of the department,
himself played Bach's "Prelude and
Fugue in B Minor." Miss Marion

Pelton and Miss Clarice Painter, also
of the music faculty, played one num-
ber each—the former a chorale pre-
lude, "Christ Lay in Death's Em-
brace," and the latter the concluding,
brilliant "Fantasie and Fugue in G
Minor."

Students of Mr. Jesson who played
in the recital were Bernice Covey,
Miltonvale; Margaret Higdon, South
Haven; Shirley Jacobs, Lenora; Mary
Guthrie, Anna Owensby, and Don
Engle, all of Manhattan; Mrs. Mar-
garet Ratts Hendrickson, Atlanta.

Since the more "radical" modern
composers are being so markedly in-
fluenced by Bach's polyphonic style
and since Bach's treatment of the or-
gan is the model for composers of all
time, college and city music lovers
are especially indebted to Mr. Jesson
for arranging for the concert. It was
an hour of pure pleasure.—H. P. H.

BOOKS

"Northwood, or Life North and South."
By Sarah Josepha Hale. First published
in 1827 by Bowles and Dearborn, Bos-
ton.

In a society which bears marks of
disillusioned middle age, it is refresh-
ing and stimulating to find a vivid,
first-hand picture of America's en-
thusiastic youth. This novel portrays
that period shortly after 1800 when
Americans were still intensely con-
scious of their newly-won freedom,
and when they were still unabashed
by the problems of their rapid
growth, the vast new Louisiana pur-
chase accelerating immigration and
the westward trek of pioneers. Only
slavery seemed insoluble.

But what is more significant to
us now is that it portrays a time
when even little isolated country
communities like Northwood, New
Hampshire, were individually con-
cerned with their responsibility for
making a success of the new gov-
ernment and society they had set
up. For example:

"The bustle of political life was not
congenial to Squire Romilly; but he
considered every freeman under obli-
gation to serve his country; and the
confidence of his townsmen placed
him almost every year in office which
had he consulted his inclination or
personal interest he would have re-
fused."

These townsmen "wise-cracked" at
the inn, "Sign of the Eagle," which
looked more like a turkey, but in his
own home, nearly everyone had "in
the place of honour over the mantel-
piece, an eagle which spread his am-
ple pinions." Recently their descen-
dants have made jibes at the blue
eagle's resemblance to a turkey buz-
zard. Thought fashions have changed
so that patriotism—which then con-
noted unselfish devotion to ideals—
now connotes narrow, selfish nation-
alism.

"Northwood" pictures an "age
when to be industrious was to be
respectable," when children were
brought up on the Bible and George
Washington's forty-eight precepts,
and when every boy learned skill
with axe, horse, and gun. It is not
a picture of long-faced "holier-than-
thou's," but of a vigorous people who
feasted heartily, built stout homes,
who enjoyed their children and who
liked to dance—"except in a few
strict localities."

Arguing politics and religion was
a national Yankee sport. The "cursed
old deacon, puffing and preaching, all
smoke and original sin," was re-
garded no more highly by his own
generation than by ours.

Jolly Doctor Perkins tells the vis-
iting English traveller: "I laugh at
Deacon Jones' absurdities and I de-
test his prejudices, but I honor re-
ligion. There can be no abiding ex-
cellence of character unless it has
a principle of piety for its basis." The
sort of piety these people fostered
found expression in a frank
"Thanksgiving to the Almighty" and
in a persistent attempt to put the
principles of virtue into the practice
of government.

The Englishman's estimate of Yan-
kee education was: "You Yankees
are Jacks of all trades. But certainly,
I now find manual labor and mental
refinement more compatible than I
ever imagined they could be. There
is here a freshness of intellect and
feeling, a kind of human spring which
is delightful."

"You could not have read our char-
acter more rightly had you studied
it a century," exclaimed Romilly.

"Should I study it a century, I
should probably read it differently,"

replied Frankford. "The season of
youth for nations as well as individu-
als will soon pass; what character
your country will finally attain I am
not qualified to decide. But I think
there is reason to fear that what it
gains in glory will be lost in purity."

Among the books the pioneers
brought to Kansas must have been
copies of "Northwood," especially of
the later 1852 edition (H. Long and
Bro., N. Y.) which Mrs. Hale pub-
lished to offset the inflammatory ef-
fects of "Uncle Tom's Cabin," for
"Northwood" offers detailed sugges-
tions for the solution of slavery. If
you can find a copy among your
grandparents' books, see that it is

College Training and Engineers

From the Engineering News-Record

It remains to be demonstrated that all the young men
who went to engineering schools with a definite feeling
that engineering was the proper field for them have
turned out to be capable engineers, or conversely, that
capable engineers have not been made of men who showed
no special aptitude for engineering upon entering col-
lege. And most emphatically, it remains to be shown
that those who would select boys for their special fit-
ness to enter the engineering career are competent to be
entrusted with so responsible a decision. Hence, until
we know more about these matters, too much dependence
cannot be placed on methods of student selection.

Nor should too high a value be placed on scholastic
accomplishment, lest there be developed a system that
turns out mathematicians skilled in the minutiae of en-
gineering design but lacking the sound judgment and
correct sense of engineering values that are essential to
an engineer.

Technical college training will not make an engineer;
what the training does is to stimulate the natural ability
and supplement it with organized knowledge. When so
considered, it becomes evident that the profession's ob-
jectives in laying down a system of training should be
these: first, to make training in the fundamentals of en-
gineering available to the greatest number of those who
appear to have natural inclinations in that direction; sec-
ond, to see that the scholastic training is broad and not
so bound to tradition as to limit original thinking; and,
finally, to supplement the scholastic training by laying
down a program of study for the years immediately fol-
lowing graduation, thus rounding out the training of the
young engineer and keeping him from falling into a
narrow rut.

preserved for your grandchildren, or
make it a gift to a library—Doris H.
Fenton.

NO DESERT IN KANSAS

Although wind erosion has trans-
ported enormous quantities of soil
from the cultivated fields of the west,
it has not seriously injured the crop-
producing capacity of the region. The
soils have been permanently reduced
in productivity only in local areas,
as on the more exposed spots and in
some of the sandy regions. In the
remainder of this vast territory the
actual removal of soil from the fields
has been slight. The condition of the
atmosphere when it is heavily laden
with dust may cause one to think that
all of the surface soil is being re-
moved, but this is far from the actual
condition. The same layer of dust
may be carried back and forth by
alternating winds from the north and
south and thus keep the air full of
dust for several days without any ma-
terial increase in the amount of soil
that has been eroded from the fields.
The total amount of soil that has
been removed from most fields by
wind erosion this spring is less than
the amount that is frequently re-
moved from some of the rolling cul-
tivated lands farther east during one
heavy rain storm.

The statements that the Great
Plains will soon be a desert of drift-
ing sands are without foundation. In
the first place, desert conditions could
not exist in this region without first
having a tremendous change in cli-
matic conditions, and there is nothing
to indicate that the climate of the
region will change radically within
a short period. In the second place,
sands are not common throughout
most of this region, and therefore
drifting dunes of sand could not
exist.—R. I. Throckmorton in En-
gineering News-Record.

Everything is sweetened by risk.
—Alexander Smith.

IN OLDER DAYS

From the Files of The Industrialist

TEN YEARS AGO

The fifth annual "Ag Fair" was
attended by 3,500 people and netted
agricultural students a \$600 profit.

G. V. Wazalwar, graduate student
from India, won the intramural ten-
nis tournament, defeating M. Donaho,
Kansas City. J. F. Price and D. A.
Springer, both of Manhattan, won the
doubles.

The student medal of the American
Institute of Architects was awarded
to Norman L. Roberts, senior in ar-
chitecture. The award was made for
general excellence in architectural

were guests of President and Mrs.
Fairchild at a social evening.

SIXTY YEARS AGO

More than 50 students visited Pro-
fessor Lee as a surprise party and
presented to him 12 volumes of
Froude's History of England.

Several printing students helped
"set up" THE INDUSTRIALIST in their
regular practice hours: Frank Lan-
don, Thomas Midgley, Arthur Mer-
ritt, J. E. Williamson, W. S. Fraun-
berg, Irving Todd, D. A. Beamer, Clay
Crouse, W. P. Burnham, Byron
Pound, G. A. Richmond, and Edwin
Ulrich.

SYMPHONY IN YELLOW

Oscar Wilde

An omnibus across the bridge
Crawls like a yellow butterfly,
And, here and there, a passer-by
Shows like a little restless midge.

Big barges full of yellow hay
Are moved against the shadowy
wharf,
And, like a yellow silken scarf,
The thick fog hangs along the quay.

The yellow leaves begin to fade
And flutter from the Temple elms,
And at my feet the pale green
Thames
Lies like a rod of rippled jade.

SUNFLOWERS

H. W. D.

MR. WORLD AND PROFESSOR
CAMPUS

Mr. World is hereby warned that
within the next two or three weeks
tens of thousands of boys and girls
newly graduated from high school,
academy, college and university will
be more or less perfunctorily dumped
into his ample lap.

And Mr. World is hereby requested
to deal kindly with them—as kindly
as he can in these troublous times.
For the youngsters—despite their re-
cent preparation and maybe because
of it—are astonishingly naive and
green and unsuspecting. There's a
certain protective toughness of ex-
terior and there's a certain steadiness
of internal drive that Professor Cam-
pus fails to fit them out with.

Because of these rather lamentable
deficiencies Mr. World will have to
take the lads and lasses with their
freshly inked diplomas and work
them over a bit. It won't do Mr.
World any good to get up on his tin
ear and rant and rave because gradu-
ates don't come case-hardened from
the various and sundry knowledge
factories he has been paying for. It
just doesn't seem to be the function
of school to toughen the brats that
way.

Maybe it's because educations are
given in too many cases and got in
too few. Maybe it's because the agony
of earning a living is withheld a bit
too long. Maybe it's because schools
are soft and attempt to do much
fathering and mothering. Maybe it's
because of a dozen things you might
think of. But whatever the reason is,
the fact remains that the finest and
best of graduates still need a lot of
adjusting and tempering before they
fit smoothly into the scheme that pre-
vails out in the wide open spaces be-
yond the bailiwick of the Professor.

Mr. World and Professor Campus
ought to understand each other bet-
ter than they do. Mr. World needs to
know both how much and how little
Professor Campus can accomplish in
the matter of turning out self-sup-
porting, properly tuned-up citizens.
Professor Campus needs to know that
for all his degrees he is only a kindly
sort of well-intentioned pedagog who
can never be really self-sustaining
and all wise, because his business is
dreaming dreams and scheming
schemes for Mr. World, to whom he
must look for his bread and butter.
Both Professor Campus and Mr.
World are concerned with making
useful citizens, Campus filling them
full of ideas and aspirations, and
World annealing them with good old
"stay-with-it-or-starve" paddle.

Now if Mr. World and Professor
Campus will please shake hands and
smile, we'll snap another picture and
go into the summer solstice with a
little more assurance of getting along
even better than we expect to.

The Republican form of govern-
ment is the highest form of govern-
ment; but because of this it requires
the highest type of human nature—a
type nowhere at present existing.—
Spencer.

studies. Roberts was a varsity track
man, lettering in the high hurdles,
and art editor of the Royal Purple.

TWENTY YEARS AGO

The college was to graduate ap-
proximately 200 students at the
spring commencement. Another 100
were expected to finish their work
in the summer or fall term and take
their degrees at the Christmas con-
vocation.

A plea for establishment of a wo-
man's court in each first class city in
Kansas was the leading feature of
the resolutions adopted by the state
branch of the National Congress of
Mothers' and Parent-Teachers' as-
sociations which held its first annual
conference at the college. The pro-
posed courts were to have women
judges and jurors and have jurisdic-
tion over violation of the state crim-
inal laws by women.

THIRTY YEARS AGO

Dr. W. A. McKeever, professor of
philosophy, was singled out by the
students in chapel to speak upon the
glories of fatherhood.

A report of the government slaugh-
tering demonstrations and cold stor-
age meat exhibit at the Louisiana
Purchase exposition, written by O.
Erf, appeared in THE INDUSTRIALIST.

FORTY YEARS AGO

Nellie Little, '90, and Bessie Little,
'91, returned from New Haven, Conn.,
where they were graduate students
at Yale university.

A number of graduates and former
students were planning to attend the
National Educational association
meeting at Denver in July.

FIFTY YEARS AGO

The entomology and botany classes
picnicked and gathered specimens on
Deep creek.

The senior class and some of the
faculty, about 50 persons altogether,

AMONG THE ALUMNI

John Biting Smith Norton, '96, is professor of systematic botany and mycology at the University of Maryland. He is also plant pathologist of the experiment station. Mr. Norton lives at Hyattsville, Md.

Estella Mae (Tharp) Edwards, '01, is living at Cedarvale. She is practicing medicine there with her husband.

Frank C. Harris, '08, is design engineer of the American Mono-Rail company. His address is 16301 Lakewood Heights boulevard, Lakewood, Ohio.

Rev. William M. Orr, '10, is minister of the First Presbyterian church at Canon City, Colo. He and Eula (McDonald) Orr, '12, live at 702 Greenwood avenue, Canon City, Colo.

Percival B. Potter, '11, is an associate professor of agricultural engineering at the Virginia Polytechnic institute and associate engineer at the Virginia agricultural experiment station. He teaches agricultural survey, reclamation engineering, water supply and sanitation, and household engineering. He and May Belle (Landis) Potter, '15, live at Blacksburg, Va.

Russell R. Dodderidge, '12, is a representative of the New York Life Insurance company. He lives at Council Grove.

Frank B. Lawton, '12, is farming on route 2 near Newton.

Christine Rentschler, '13, is living at 304 North Third street, Yakima, Wash.

H. F. Tagge, '14, and Elsie (Adams) Tagge, '13, are living at Caledonia, Minn. Mr. Tagge is connected with the soil erosion service.

Royal Myers, '15, is with a gas company at Springfield, Mo. His address is 940 North Main street.

James M. McArthur, '15, is living at 922 Adams street, New Orleans, La. Mr. McArthur is supervisor of nature study and gardening in the New Orleans public schools. He also has charge of the landscaping and planting of the public school grounds.

J. H. Loomis, '15, is teaching vocational agriculture at Jacksonville, Ill. He lives at 601 South Webster avenue, Jacksonville. Mr. Loomis has been lost on our files since 1923.

Gilbert H. Sechrist, '16, is an associate professor of electrical engineering at the University of Wyoming, Laramie, Wyo. He lives at 1415 Kearney street, Laramie.

J. V. Quigley, '16, is president of the Country Club Dairy company at Kansas City, Mo., and lives at 5507 Central.

Anna M. (Neer) Sisler, '17, lives at Ohio, Ill.

L. V. Rhine, '17, is an attorney at Paragould, Ark. His address is 424 West Poplar street.

Dr. LaRoy Noyes, '18, is at 503 United States court house, Ft. Worth, Tex.

Evelene Kramer, '19, is librarian at the university high school, University of Illinois, Urbana, Ill. Her address is 306 East Green street, Champaign, Ill.

Imogene Chase, '20, is teaching English and journalism in the high school at Bedford, Ind. Her address is 1510 Sixteenth street, Bedford.

Floyd Hawkins, '20, is a social worker with the Illinois emergency relief commission. He is a district representative for eight counties. Mr. Hawkins and Madge (Thompson) Hawkins, '17, live at 430 South Twenty-fourth avenue, Bellwood, Ill.

Esther (Andrews) Mullendore, '21, lives at 337 South Lorraine boulevard, Los Angeles, Calif.

Marianne Muse, '21, has charge of research in home economics at the Vermont agricultural experiment station. She lives at 20 South Willard street, Burlington, Vt.

Deal D. Six, '22, is county agent at Lawrence.

Robert E. Cleland, '22, is assistant principal of the St. Francis community high school.

John M. Moore, '22, is farming at Hill City.

W. H. Burgwin, '23, is general inspector for the Missouri highway commission. He lives at Jefferson

City, Mo. He visited the campus recently.

E. R. Button, '23, is teaching vocational agriculture in the Vinland rural high school.

Dr. Ching Sheng Lo, '23, is teaching veterinary medicine and doing research work at the college of agriculture, National Central university, Nanking, China.

Dudley Moses, M. S. '24, is an agronomist in the agricultural section of the African Explosives and Industries, Ltd., of South Africa. Mr. Moses carries on research work on pastures as well as doing advisory work. His address is in care of the African Explosives and Industries, Ltd., box 1122, Johannesburg, South Africa.

Otis Fulhage, '24, is a consulting engineer with the Kansas Gas and Electric Power company at Newton.

Grace Steininger, '25, is an associate professor of home economics at Oklahoma A. and M. college, Stillwater, Okla. Miss Steininger teaches foods and nutrition. She is also consultant dietitian for the state federal emergency relief association. She lives at 421 West Fifth street.

J. Fred Sheel, '25, is an instructor in mechanics and electricity in the Labette county community high school at Altamont.

Walter H. Hukriede, '25, is superintendent of schools at Lewis.

Glyde E. Anderson, '26, is doing home economics extension work at Kansas State college. She is a specialist in foods and nutrition. Miss Anderson lives at 1031 Fremont, Manhattan.

Philip M. Noble, '26, was a campus visitor in March. Mr. Noble is an assistant engineer in charge of the concrete and soils laboratory for the United States bureau of reclamation. He and Ruth (Kell) Noble live at 712 Fourth avenue, Yuma, Ariz.

Earl H. Herrick, '26, is professor of biology and head of the department of biology at Louisiana State Teachers college, Natchitoches, La.

Ralph T. Hermon, '27, is an engineer with the Southwestern Bell Telephone company at St. Louis, Mo. He lives at 7614 Arlington, Webster Groves, Mo.

Unice (Walker) Foot, '27, is living at 202½ Norton avenue, Barborton, Ohio.

Delbert Lacey, '28, 1019 Humboldt, Manhattan, is a civil engineer.

V. C. Hubbard, '28, is a junior agronomist at the United States experimental station at Mandan, N. D. He has charge of wheat, oats, and barley tests.

Samuel N. Rogers, '28, is a chemist with the Diamond Match company of Oswego, N. Y. His address is 144 West Seneca street, Oswego, N. Y.

Fern E. Cunningham, '28, is teaching Spanish and music in the Junction City junior-senior high school. She lives at 320 West Eleventh street.

T. F. Winburn, '29, called at the alumni office April 17. Mr. Winburn is working for the United States department of agriculture. He is with the stored grain and products laboratory at 1204 Fremont, Manhattan.

Dr. C. R. Omer, '29, is practicing veterinary medicine at Metuchen, N. J.

Ruth Williams, '29, is an assistant dietitian in the Cottage hospital in Santa Barbara, Calif.

Charles Sardon, Jr., '29, is an inspector in the Douglas Aircraft plant at Santa Monica, Calif. He and Flora (Deal) Sardon, '29, live at 1027C Twelfth street.

Louise E. Reed, '30, is rehabilitation home adviser of Ellsworth county. She lives in Ellsworth.

Francis S. Coyle, '30, is a salesman for a furniture refinishing company in Denver, Colo. His address is 1617 Humboldt, Denver.

Russel C. Derbyshire, '30, is an instructor in zoology and comparative anatomy of vertebrates at the Municipal university of Omaha. He lives at 2304 G street.

Florence Harold, '30, is teaching home economics in the Decatur community high school at Oberlin.

Oscar Reece, '31, is located at Lyons. He is county agent of Rice county.

Kermit V. Engle, '31, is the Manhattan city milk and dairy inspector. His address is 515 North Ninth street.

LOOKING AROUND

KENNEY L. FORD

Kansas City alumni entertained with a dinner in honor of Harry C. Rushmore, '79, Saturday night, May 18, at the Hyde Park hotel. Mr. Rushmore, one of the founders of the Kansas State college alumni association, his wife and daughter are moving to Pasadena, Calif. B. M. Anderson, '16, president of the Kansas City alumni association, was toastmaster. Tribute to Mr. Rushmore was paid by Mrs. Agnes (Fairchild) Kirshner, f. s. '81; Dr. J. T. Willard, '83; Dr. A. T. Kinsley, '99, and Kenney L. Ford, '24. Dr. A. A. Holtz, Y. M. C. A. secretary at Kansas State, and Frank Root, '14, head coach of basketball, told of recent happenings at the college.

The following were present: H. C. Rushmore, '79, and Mrs. Rushmore; B. M. Anderson, '16, and Mrs. Anderson; A. T. Kinsley, '99, and Anna (Smith) Kinsley, '01; Marilla A. Rushmore; Dr. J. H. Oesterhaus, '01, and Mrs. Oesterhaus; Mary Clark, '32; John Romine, f. s. '32; Robert T. Romine, '34; O. R. Peterson, '21, and Mrs. Peterson; Frank Yeoman, '98; W. H. Phipps, '95; C. H. Kirshner and Agnes (Fairchild) Kirshner, f. s. '81; Dean A. Elliott, f. s., and Lorie (Konantz) Elliott, '29; Earle W. Frost, '20, and Mrs. Frost; L. A. Wasson and Ella Belle (Stinson) Wasson, '20; Francis Whitmire, '21; Josephine Manry; and F. L. Kelley, '26, and Helen (Pattison) Kelley, '27, all of Kansas City, Mo., and Minnie F. Johnson, '27; Charles R. Hutchings, '94; Clay E. Coburn, '91, and Mrs. Coburn; Sue Unruh, '22; and Reva Lint, '13, of Kansas City, Kan.; and Kenney L. Ford, '24; A. A. Holtz; Frank L. Myers, '25; and Dr. J. T. Willard, '83, all of Manhattan.

MARRIAGES

JUNGELS—CALDWELL

Word has been received of the marriage of Rose Jungels of Parsons and F. W. Caldwell, '34, on September 29, 1934.

WARD—WHITE

The marriage of Avis Ward of Rose and Kenneth P. White, '32, of Kingsdown was May 4 in Manhattan. Mr. and Mrs. White will live on a farm near Kingsdown.

LE ROUX—SLAWSON

The marriage of Marjorie Le Roux, f. s. '34, and Byron C. Slawson was May 9 in Topeka. Mr. Slawson is connected with the Santa Fe. They will live on route 4, Topeka.

JONES—KURETICH

Announcement was made recently of the marriage November 1, 1934, of Margaret Jones of White City and Fred Kuretich of Hope. The marriage took place in Junction City. Mrs. Kuretich is a student at the college. They will be at home in White City.

BROWN—HALL

The marriage of Hazel Margaret Brown of Perry and Tomas Hall, '32, of Oskaloosa took place May 4 at the home of the bride's parents in Perry. Mrs. Hall has been teaching school in Jefferson county several years. Mr. Hall is county agent of Jefferson county, and lives at Oskaloosa.

BIRTHS

R. K. Dickens, '31, and Theresea (Florell) Dickens, 4809 Roanoke Parkway, Kansas City, Mo., are the parents of a son, Richard Kimball, Jr., born May 7.

Dr. W. L. Jones, '32, and Leone (Pacey) Jones, '32, announce the birth of a son, Ramon William, April 16. Doctor and Mrs. Jones live at 612 Delaware, Leavenworth.

Dr. Jesse J. Frey, '14, and Louisa (Dyer) Frey, '14, are the parents of a son, Jesse Johnathan, Jr., born April 22. Doctor and Mrs. Frey live at 986 Cragmont avenue, Berkeley, Calif.

DEATHS

HANSON

Word has just been received at the alumni office of the death July 3, 1932, of Gustaf W. Hanson, '00, at Excelsior Springs, Mo. He is survived by his wife.

WHETZEL

Word has been received of the death of Lottie Mae (Butts) Whetzel, '25, September 22, 1934, at God-

dard. She is survived by her husband, John H. Whetzel, '27, and a daughter.

Install Quill Chapters

Prof. Ada Rice, '95, of the department of English, went to Hays Saturday to install a chapter of the American College Quill club at Ft. Hays Kansas State college. Miss Rice is a national officer in charge of extension. She was accompanied by Prof. R. W. Conover and Miss Hester Perry, '34, who assisted in the installation ceremony. Next week Miss Rice plans to go to El Paso, Tex., to install another chapter of the club at the College of Mines and Metallurgy. She plans to continue her journey to southern California where she will spend the month of June on vacation.

Gives Terracing Demonstration

Hal F. Eier, extension engineer, has been working on an extensive terracing demonstration program. Recently he gave demonstrations in the north central part of Kansas. Each demonstration requires two days, the first for teaching the farmers how to lay out the land and the second in actual terracing. About 3,500 feet of terrace is built at each place; enough for protection for about 13 acres of land against soil erosion.

Ratloff Heads Theta Sigma Phi

Louise Ratloff, Manhattan, has been elected president of Theta Sigma Phi, honorary journalism fraternity for women. Other officers are Faye Young, Bloom, vice-president; Elma Edwards, Athol, secretary; Katherine Kilmer, Kirwin, treasurer; and Delite Martin, Lewis, archivist. Faye Young and Katherine Kilmer were initiated Friday at the home of Miss Helen Hostetter, 110 South Seventeenth street, after which tea was served.

O. U. Also Victor on Courts

The Kansas State college tennis team failed to score in the Big Six conference tennis meet Saturday at Lincoln, played on indoor courts because of rain. The University of Oklahoma team was first in both singles and doubles divisions with a total of six points. University of Kansas with four points was second and Iowa State college was third with two points. Nebraska and Missouri tied for fourth place with one point each.

Working on Mohawk Dam

Robert Kerr, Manhattan, recently accepted a position with George M. Brewster and Son, Inc., of Bogota, N. J., as field engineer-in-charge of the construction of the new Mohawk dam being constructed by the war department near Warsaw, Ohio.

ALUMNI PROFILES

W. R. HORLACHER

Through his pioneering research on the production of mutations in cotton Dr. W. R. Horlacher, graduate of Kansas State college in 1920 and now professor of genetics at the Agricultural and Mechanical college of Texas, has made himself a valuable aid to the agriculture of Texas and the entire south. Doctor Horlacher has proved definitely that mutations, which are beneficial to the organisms, can be induced in cotton by the use of radiations, and at present he is engaged in the study of several problems of economic significance based on this discovery.

Horlacher's excellent work as an undergraduate earned him a two-year graduate assistantship at Kansas State and enabled him to complete the requirements for a master's degree in 1922. He then was made an instructor in the college animal husbandry department.

He held this position a year before going to Texas as associate professor in the newly created department of genetics. In this position he had charge of the work in animal breeding as well as plant genetics. After receiving the degree of doctor of philosophy in 1929 from the University of Wisconsin he was advanced to the rank of professor of genetics.

Technical papers written by Doctor Horlacher have appeared in Science, Genetics, Journal of Heredity, American Naturalist, and the Proceedings of the International Congress of Genetics. He also is a regular contributor to the columns of the agricultural press.

RECENT HAPPENINGS ON THE HILL

Aggie Knights defeated Alpha Gamma Rho Wednesday, May 8, by a score of 18 to 4 to win the intramural hardball championship.

Members of the Y. W. C. A. cabinet and their committees held their last meeting in the form of a picnic Tuesday evening in Lovers' lane. Members of the Y. W. C. A. board and faculty sponsors of the committees also attended.

Ward Shurtz, Manhattan, was elected president of the men's Panhellenic council at a meeting held early this week at the Phi Kappa house. C. F. Bredahl, Fairview, was elected vice-president, and Harold Eddington, Dodge City, secretary-treasurer.

Richard Seaton, Manhattan, Jay Wright and Charles Culter, both of Topeka, left last week for Houston, Tex., and the first step in their three months' tour of Europe. They plan to visit England, Scotland, and three or four countries on the continent. Seaton and Wright are Kansas State graduates.

Gladys Poole was elected president of Dynamis, all-school honorary organization, at a meeting Tuesday night. Other officers are Royce Murphy, Norton, vice-president; David Dukelow, Hutchinson, secretary; Horton Laude, Manhattan, treasurer; and Glenna Sowers, Manhattan, publicity director.

An invitation to attend the graduation exercises of the University of Delhi, in India, has been received by Dean Margaret Justin of the division of home economics. The invitation is for the ladies' gallery and states that the Honorable Khan Bahadur Mian Sr. Dir Faze-i-Husain, pro-chancellor of the university, is to preside. Dean Justin visited the university while in Delhi last year.

Robert E. Gouge, Manhattan, was elected to succeed Herb Fechner, Manhattan, as president of the Junior American Veterinary Medical association at a meeting here recently. Other new officers are: Ray S. Pyles, Kansas City, vice-president; Edward W. Millenbruck, Herkimer, secretary; Floyd E. Monroe, Manhattan, treasurer; Thomas C. Hinkle, Jr., Carbondale, marshal; and Irwin J. Twiehaus, Manhattan, critic.

Elizabeth Sloop of Nortonville was chosen president of the Browning Literary society at a recent meeting. Other officers are Mary Elizabeth Cooper, Manhattan, vice-president; Margaret Glass, Manhattan, treasurer; Thelma Fleury, Jamestown, corresponding secretary; Alice Sloop, Nortonville, recording secretary; Rosamond Haeberle, Clearwater, pianist; Evelyn Diehlman, Findlay, Ohio, representative to intersociety council.

Ten successive days of rain made the gardens of President and Mrs. F. D. Farrell's home impossible Tuesday afternoon as a setting for the annual A. A. U. W. party for the senior girls. The second floor of Thompson hall served instead. Small tables, with red geraniums thereon, waitresses in gay peasant costume, dances and songs at intervals for the entertainment made it easy, however, to imagine the European outdoor cafe which had been the inspiration for the party.

Former Instructor Dies

The body of P. H. McBurney, former instructor in blacksmithing and shop practice at Kansas State college, who died at the Riley county shops a mile northwest of Manhattan Thursday morning, was taken to Kingman, his former home, for burial. Mr. McBurney died from shock and a heart attack following the injury of Scott Willyard, a fellow worker.

Attend Military Review

Twenty-five members of the advanced R. O. T. C. course attended the review and inspection of a war strength cavalry regiment, a war strength battalion of field artillery, and a war strength company of engineers at Fort Riley May 4.

KANSAS STATE SECOND IN BIG SIX OUTDOOR TRACK

**OKLAHOMA FIRST WITH 65½ POINTS
—TWO RECORDS FALL**

**Wildcats Collect 53 Points with Two
Firsts by Knappenberger, One Each
by O'Reilly and Fanning, and
Several Other Placings**

Sloshing over a rain soaked course for four first places and an array of minor placings the Kansas State college team placed second in the Big Six conference track and field meet at Lincoln Friday and Saturday, completing the most successful season of intercollegiate athletic competition the school has ever known. The season's honors in track already included the indoor and two-mile team championships.

University of Oklahoma's Sooners scored 65½ points, coming through with a rush in late events to step ahead of Kansas State, with 53 points. Nebraska scored 36 points, Iowa State 32, Missouri 29, and Kansas, the defending champion, 24½.

TWO RECORDS ESTABLISHED

Two records fell during the two-day carnival, both in field events and both by the last-place Kansas team. Elwyn Dees heaved the shot 51 feet, 3¾ inches to better his mark of 50 feet, 1¾ inches set last year.

Ray Noble, Kansas sophomore, boosted the conference pole vault record to 13 feet, 8 and one-eighth inches, bettering the old mark by about three inches.

The Oklahoma team turned in seven first places, six of them in track events. The Wildcats, co-favorites with Oklahoma, made a battle of the meet for the first dozen events. After ten events Kansas State held a 40 to 38 lead. That was before the Sooners won both relays and Bart Ward had soared 23 feet, 11 and five-eighths inches to win the broad jump.

KNAPPENBERGER AGAIN A STAR

Joe Knappenberger, star and captain of Coach Ward Haylett's Kansas State team, won both hurdle events and pressed Sidney Cooley of Missouri closely in the 100-yard dash, to take second. Nebraska, a king in the past and with the futile hope of edging back to the throne through a large number of minor places, scored its 36 points without winning a first place. The Cornhuskers led in the field event points with a total of 22.

Paul Fanning, Kansas State, hurled the discus 141 feet, 3 inches to place first and Justus O'Reilly won the mile run in 4:23.3, for the other first places collected by the Wildcats. Kansas State placed second in the 100-yard dash, high jump, 880-yard dash, and two-mile run.

The summaries:

Mile run—Won by O'Reilly, Kansas State; second, Lochner, Oklahoma; third, Funk, Nebraska; fourth, Redfield, Kansas State; fifth, Beaver, Nebraska. Time, 4:23.3.

440 yard run—Won by Janz, Oklahoma; second, Barrett, Oklahoma; third, J. B. Nixon, Kansas State; fourth, Graves, Kansas; fifth, Stouffer, Iowa State. Time, 49.7.

100 yard dash—Won by Cooley, Missouri; second, Knappenberger, Kansas State; third, Cox, Oklahoma; fourth, Waters, Missouri; fifth, Cardwell, Nebraska. Time, 10.2.

Shot put—Won by Dees, Kansas, 51 feet 3¾ inches; second, Rist, Nebraska, 47 feet 7 inches; third, Francis, Nebraska, 45 feet; fourth, Porter, Iowa State, 42 feet 9¾ inches; fifth, Hewes, Oklahoma, 42 feet 4½ inches.

120 high hurdles—Won by Knappenberger, Kansas State; second, Nelson, Oklahoma; third, Walker, Missouri; fourth, Burk, Oklahoma; fifth, Poole, Iowa State. Time, 15.1.

High jump—Won by Short, Missouri, 6 feet 1¾ inches; second, third, fourth and fifth, Roehrman, Kansas State; Harris, Kansas State; Miller, Iowa State; Wellhausen, Oklahoma, 6 feet ¾ inch.

Discus—Won by Fanning, Kansas State, 141 feet 3 inches; second, Berger, Iowa State, 137 feet 2½ inches; third, Porter, Iowa State, 134 feet 2½ inches; fourth, Rist, Nebraska, 131 feet 11 inches; fifth, Francis, Nebraska, 131 feet 4 inches.

220 yard dash—Won by Ward, Oklahoma; second, Scott, Iowa State; third, Cooley, Missouri; fourth, Cox, Oklahoma; fifth, Cardwell, Nebraska. Time, 22.6.

Javelin—Won by Minsky, Iowa State, 186.6 feet; second, Chambers, Nebraska, 180.2 feet; third, Kilgore, Oklahoma, 179.6 feet; fourth, Lachner, Missouri, 167.3 feet; fifth, Hemphill, Kansas State, 164 feet.

880 yard run—Won by Cheney, Oklahoma; second, Dill, Kansas State; third, Eberhart, Kansas State; fourth, O'Reilly, Kansas State; fifth, Messick, Kansas State. Time, 1:59.8.

Two-mile run—Won by Lochner, Oklahoma; second, Wheelock, Kansas State; third, King, Iowa State; fourth, Robinson, Kansas State; fifth, Beasley, Missouri. Time, 9:47.2.

Pole vault—Won by Noble, Kansas, 13 feet 1¼ inches (new conference record—old record 13 feet 5½ inches set by Coffman of Kansas in 1931); second, Cosgrove, Nebraska, 13 feet 4 inches;

third, Gray, Kansas, 12 feet 9 inches; tie for fourth between Whitmore, Iowa State, and Burk, Oklahoma, 12 feet 6 inches.

220 yard low hurdles—Won by Knappenberger, Kansas State; second, Nelson, Oklahoma; third, Walker, Missouri; fourth, Burk, Oklahoma; fifth, Freeman, Iowa State. Time, 1:24.8.

880 yard relay—Won by Oklahoma (Janz, Cox, Burk, Ward); second, Nebraska; third, Missouri; fourth, Iowa State; fifth, Kansas State. Time, 3:25.8.

Mile relay—Won by Oklahoma (Janz, Barrett, Cheney, Ward); second, Nebraska; third, Kansas; fourth, Iowa State; fifth, Kansas State. Time, 3:25.8.

Broad jump—Won by Ward, Oklahoma, 23 feet 11½ inches; second, Pitts, Kansas, 23 feet 6 inches; third, Cardwell, Nebraska, 23 feet 3¾ inches; fourth, Waters, Missouri, 23 feet 1¾ inches; fifth, Warneke, Nebraska, 22 feet 11½ inches.

KING AND AHEARN HONORED BY BIG SIX ASSOCIATION

Head Respective Groups in Valley Athletic Organizations

Dr. H. H. King and M. F. "Mike" Ahearn carried home principal honors from the meeting in Lincoln last week of the faculty representatives and directors of the Missouri Valley Intercollegiate Athletic association, the official name of the Big Six conference. Doctor King, head of the department of chemistry, was elected head of the faculty representatives and Ahearn was named president of the directors.

Both King and Ahearn are senior members of their respective groups. In addition to the presidencies these men were appointed to revise and codify the rules governing Big Six athletic activities.

Preliminary work on schedules for the 1937 football season was taken up at the directors' meeting. This is the first time an attempt has been made to schedule games more than a year in advance. Early action is due to a Big Six ruling which makes it necessary for the conference schedule to be complete before intersectional games are scheduled.

The representatives voted to return to the round robin schedule for basketball.

FEEDERS' DAY PROGRAM HERE OVER LOUD SPEAKER SYSTEM

**Sponsors Call Attention to Change in
Date of Meeting**

Visitors at the twenty-third annual livestock feeders' day here Friday of this week need not worry about being able to hear speakers in the pavilion, according to Prof. A. D. Weber of the animal husbandry department of the college who also calls attention to the change in date from a Saturday meeting as in years past to Friday this year. Mr. Weber has arranged to install loud speaking equipment which will not only carry the voices of speakers to all corners of the south wing of the pavilion but to the north wing as well.

In years past the feeders' day crowd usually has more than filled the south wing, so that many were forced to stand outside. This year the overflow crowd can be accommodated in the north wing of the pavilion where visitors can hear all that is said.

Feeders' day visitors are urged to arrive at the college at 8 o'clock and spend some time inspecting beef cattle breeding herds. At 10 o'clock the schedule calls for a meeting in the pavilion, where President F. D. Farrell will deliver an address of welcome. The usual afternoon session with reports of experiments is scheduled to follow the noon-day lunch.

PHRADIE WELLS, SOPRANO WILL SING HERE SUNDAY

**Metropolitan Opera Company Artist
Secured for Baccalaureate Day**

Phradie Wells, soprano with the New York City Metropolitan Opera company, will give a concert Sunday afternoon at 4 o'clock in the college auditorium. Admission will be free, as the recital is in compliment to the senior class.

Music critics speak enthusiastically of the richness and clarity of her voice, its depth and power, and declare her to be a singer of unusual charm and graciousness.

Pence to Millers' Meeting

Prof. C. O. Pence of the milling department will discuss the "Hardness of Wheat" at a meeting of the Cooperative Millers' association in St. Louis June 3 to 7. He is chairman of the research committee of this association.

HONORARY DEGREES GO TO THREE MEN MONDAY NIGHT

**Two Graduates of Kansas State and
One from Utah Agricultural College
Will Be Granted Doctorates**

Two graduates of Kansas State college and one from Utah Agricultural college will have prominent places in commencement activities here this week-end. George Washington Wildin and Ernest Harrison Freeman, Kansas State graduates, and James T. Jardine, chief of experiment stations for the U. S. D. A., will be granted honorary doctor's degrees at the commencement exercises Monday night, May 27.

George W. Wildin came to Kansas State college from Melvern and was graduated in 1892. He is now consulting engineer for the Westinghouse Air Brake company, Pittsburgh, Pa. After being graduated he was employed by the Santa Fe railroad at Topeka, later served a railway company in Mexico, and in 1897 returned to the Santa Fe at Topeka. Subsequently he was associated with other railroads and manufacturing companies in the east in a career that has given him a place of prominence in the smoky city of Pennsylvania. In 1902 he was married to Miss Josephine Fish of Strong City, Kan.

Matriculating at Kansas State from North Topeka, Ernest H. Freeman was graduated from the college in 1895 and in 1902 was graduated from the Armour Institute of Technology, Chicago. He immediately began teaching electrical engineering at the Armour Institute, became professor of electrical engineering and head of the department in 1909 and continues to occupy the position. He has devoted much attention to research and has made inventions, the one having the greatest use being an electric integrating meter for measuring the flow of fluids in pipes.

James T. Jardine was graduated from Utah Agricultural college and has served on the staffs of the Utah college, U. S. forestry service, Oregon agricultural experiment station, office of U. S. secretary of agriculture, U. S. office of education, and is now chief of experiment stations for the U. S. D. A. He is a brother of Dr. William Jardine, former president of Kansas State college.

REGISTRATION SCHEDULE FOR SUMMER SESSION ANNOUNCED

Name Cards Must Be Obtained at Registrar's Office

Summer session at Kansas State college will begin with registration Tuesday, May 28, from 8 to 5 o'clock in Nichols gymnasium, the day after commencement. Registration will be according to the following schedule, based on the first letter of the last name of the student:

8-9:30 a. m.—B, F, T, V, K, N, Q, S, Z.

9:45-11:15 a. m.—C, I, G, R, J, L, M, X.

12:30-2 p. m.—E, P, O, U, W, A, D, H, Y.

2:15 p. m.—Those failing to register at the specified time for their letter group may register during this period.

As usual name cards must be obtained at the registrar's office and presented at the door of the gymnasium before entering.

DR. E. H. HERRICK SUCCEEDS LATE DR. GEORGE E. JOHNSON

**New Mammalogist Has Degrees from
Kansas State and Harvard**

Dr. Earl H. Herrick, '26, Natchitoches, La., has been named to fill the vacancy left on the department of zoology faculty by the death of Dr. George E. Johnson a few weeks ago. He is now head of the department of biology at Louisiana State Normal college. He will begin his duties as associate professor and agricultural experiment station mammalogist here June 1.

After receiving his bachelor of science degree from Kansas State college in 1926 and his master of science degree in 1927, Doctor Herrick went to Harvard university as an Austin teaching fellow. He remained there two years, taking work for his doctor of philosophy degree which was granted in 1929. He spent two summers in the marine biological station at Woods Hole, Mass.

For the past six years Doctor Herrick has been a professor in the de-

partment of biology at Louisiana State Normal college. He is the author of several papers dealing with mammals. While he was at Kansas State Doctor Herrick was research assistant to F. L. Hisaw and collaborated with Doctor Johnson in scientific studies.

"We are gratified to secure a man so well trained as Doctor Herrick, and one who is already thoroughly familiar with the work," Dr. R. K. Nabours, head of the department of zoology, said in discussing the appointment.

WILDCATS IN THIRD PLACE, FINAL GAMES RAINED OUT

**Games of Other Teams This Week Will
Not Affect Standing of Wildcats Who
Have Won Four and Lost Five**

Although three games behind the season schedule because of postponement due to games rained out, members of Kansas State's baseball team provided the final chapter to the Big Six conference baseball season by checking in equipment this week. The Wildcats, with four wins and five losses, are in third place and games to be played this week will have no effect on their rating.

Games scheduled with Iowa State for last Friday and Saturday were called off because of rain. A postponed game with the University of Oklahoma earlier in the season will not be played. Iowa State has two games scheduled with Nebraska this week, making it virtually impossible to play the postponed games with Kansas State before the end of the present semester.

The Oklahoma Sooners, undefeated in conference play, have for two weeks been assured of undisputed possession of first place in the Big Six. Iowa State is in second place, Kansas State third, Nebraska, fourth, and Missouri fifth. The official final standings will not be known until the end of the week as Iowa State and Nebraska have two games yet to play.

KANSAS STATE GOLF TEAM FIFTH IN CONFERENCE MEET

University of Oklahoma First, Nebraska Second, Kansas Third

Fifth place was the best the Kansas State college golf team could do in the Big Six conference meet played at Lincoln Saturday in a drizzling rain which soaked the Country club par 72 course. The aggregate score of the Kansas State team for the match was 742.

The University of Oklahoma team swept through the Big Six conference championships with its foursome of representatives placing one-two-three-four in the individual medal score totals for 36 holes. The Oklahoma aggregate score for the match was 631. Nebraska was second with 689. University of Kansas, third with 706, and Iowa State college, fourth with 735. Missouri, in sixth place, withdrew.

Harry Gandy of Oklahoma was medalist with his cards of 76-77-153.

Individual scores of members of the Kansas State team were: Williams, 178; Phillips, 183; Crow, 186; Hays, 195.

COMMENCEMENT WEEK

SATURDAY, MAY 25

Alumni Day

Class Reunions

'80	'00	'20
'85	'05	'25
'90	'10	'30
'95	'15	

12:00 noon. Class luncheons.

2:00 p. m. Alumni business meeting, Recreation center.

6:00 p. m. Alumni banquet to seniors, Nichols gymnasium.

SUNDAY, MAY 26

4:00 p. m. Commencement concert, auditorium.

7:40 p. m. Academic procession.

8:00 p. m. Baccalaureate services, Memorial stadium. Sermon by Most Reverend Francis C. Kelley, Bishop of Oklahoma City and Tulsa, Oklahoma City, Okla.

MONDAY, MAY 27

3:00 to 4:30 p. m. Alumni-Senior reception, president's residence.

7:40 p. m. Academic procession.

8:00 p. m. Graduation exercises, Memorial stadium. Address by Dr. Francis David Farrell, president of Kansas State College of Agriculture and Applied Science, Manhattan.

FIELD DAY VISITORS SEE VARIOUS PHASES OF WORK

**HORTICULTURE, POULTRY, AND
DAIRY HUSBANDRY COOPERATE**

**Guests Conducted Through Green-
houses, Gardens, and Barns Where
Many Important Research Proj-
ects Are in Progress**

Agronomy field day visitors who visited the campus last week saw and heard much in addition to the farm crops part of the program as a result of the cooperation of the horticulture, poultry, and dairy husbandry departments with the agronomy department.

Although the interest of visitors was primarily in pasture grasses, new varieties of drouth resistant sorghums, and feeding experiments, which were included in the agronomy program, they took time for other phases of the program. Between 20 and 40 attended during each of the three days, a satisfactory attendance in view of the heavy rainfall which kept many away.

TOUR CAMPUS AND GARDENS

With Prof. W. B. Balch as guide the visitors went through the greenhouse where the propagation of plants was explained; through the formal garden and greenhouse; through the wild flower garden, and a short walk on the campus where the common varieties of Kansas trees, shrubs, and vines were pointed out. At the conclusion of the trip Prof. J. W. Zahnley gave a brief talk about lawns.

From 11 to 12 o'clock each day the agronomy day guests went to the poultry farm where there was opportunity to see hatching, brooding, and rearing of poultry; and poultry management experiments where the date of hatching is being considered in connection with the value of eggs produced. Visitors showed the greatest interest in the raising of turkeys.

INTERESTED IN FEEDING RATINGS

A trip through the dairy barn and explanation of the breeding program being carried out was included by the department of dairy husbandry. Animals were grouped by daughters of the different bulls. Several proved bulls were to be seen. Visitors at the dairy barn indicated more than ordinary interest in the various feeding ratings.

COLLEGE R. O. T. C. UNIT AGAIN RECEIVES EXCELLENT RATING

**Improvement in Headquarters, Facili-
ties, and Equipment Noted**

Excellent rating in both administration and training has again been received by the R. O. T. C. unit of the college, formal notice of such rating having been received from Colonel James Totten, adjutant general, of the seventh corps area headquarters in Omaha. The communication was addressed to President F. D. Farrell.

Inspectors noticed particularly, Colonel Totten wrote, the appearance of the unit headquarters, improvement in facilities and equipment, and complimented the college especially upon "the splendid support given the military instructors in their work."

The rating was based chiefly on the annual spring inspection conducted by Colonel R. H. McMaster, Major H. L. King, Major A. J. McFarland, and Major J. W. Miner.

Colonel John S. Sullivan is commandant of the Kansas State R. O. T. C. unit. His assistants are Major L. H. Lohmann, Captain L. R. Crews, Captain W. A. Swift, Captain W. F. Rehm, Captain I. E. Ryder, Lieutenant H. H. Myrah, and Lieutenant R. W. Mohri.

Babcock and Correll Speak

Dean R. W. Babcock of the general science division and C. M. Correll, assistant dean of the division, were speakers at high school commencement exercises Thursday night. Dean Babcock spoke to graduating seniors of Garrison high school. Dean Correll addressed the seniors at White City high school.

Church Groups To Meet

College students of the Methodist, Presbyterian, Christian, Congregational, United Presbyterian, and Baptist churches will hold a union meeting Sunday night from 6 to 7 o'clock in L58. "Forward" will be the theme of the meeting of which Vernon Rec-tor is chairman.

THE KANSAS INDUSTRIALIST

Volume 61

Kansas State College of Agriculture and Applied Science, Manhattan, Wednesday, May 29, 1935

Number 32

URGES ACCEPTANCE OF SOCIAL RESPONSIBILITY

PRESIDENT F. D. FARRELL ADDRESSES THE 1935 GRADUATES

Program Held Inside Due to Rain Was Attended by 2,500 Who Also Hear Governor Landon and Regent Drew McLaughlin

Honest social responsibility, like charity, begins at home, and it is a responsibility which cannot honestly be disclaimed. This, in brief, was the final admonition to the 411 persons who were awarded degrees Monday night at the seventy-second annual commencement exercises of Kansas State college. The speaker was President Francis David Farrell of the college who gave the principal address.

Other speakers included Governor Alf M. Landon and Drew McLaughlin of the state board of regents, each of whom spoke briefly to the 2,500 persons, including parents, other relatives and friends of members of the 1935 class.

Governor Landon, Mr. McLaughlin, and the president, in addition to their advice to members of the graduating class, paid high tribute to parents of graduates, pointing out that in many cases tremendous sacrifices have been made, particularly in recent years, to make it possible for students to attend college.

PROGRAM MOVED INSIDE

Rain which fell before and during commencement made it necessary to transfer the program from Memorial stadium to the college auditorium, where every seat was filled and many were standing.

Governor Landon called attention to the contrast in weather. The last time he was in Manhattan, he said, was to confer with college specialists on the dust situation in Kansas. Both the governor and Drew McLaughlin praised the college staff for cooperation and service during the past few trying years.

Doctor Farrell, in his address, pointed out that not all members of society bear equal shares of social responsibility. In general, he said, the strong and privileged must bear a larger share than do the weak and the underprivileged.

"Because he enjoys special privileges, a college graduate is expected to bear more than the average share of social responsibility. He is expected to have unusual solicitude for the order, the security, and the progress of society," President Farrell declared.

"Social responsibility is increasingly likely to become futile, and even spurious, as it is projected farther and farther from one's self and one's own neighborhood. We Americans would be a happier people if we applied more social responsibility to ourselves and to our own immediate surroundings.

'MANY SHUN RESPONSIBILITY'

"Most of the troubles of society result from the failure of large numbers of individuals to express honest social responsibility; from the individual's placing his own immediate convenience above the general welfare. A spurious sense of social responsibility leads some of us to engage passionately in campaigns to 'clean up' the state house at Topeka, the capitol at Washington, or the League of Nations at Geneva, while our own back yards are cluttered up with tin cans and other rubbish that have been accumulating for months, or even years, endangering the public health and impairing the beauty of our surroundings.

"And so I recommend to you that you can recognize definitely your responsibility to society, a responsibility that you cannot honestly disclaim; that you give your first attention and your most determined devotion to those conditions over which you can exercise some effective control, and particularly to those conditions that are created by your own behavior. Paraphrasing a nineteenth century American philosopher, I assure you

that, though you may exert a beneficial influence upon the government of remote territories, the most important territory for you to govern is that which is situated under your own mortar boards," was President Farrell's final counsel to the class of 1935.

SCHOLASTIC LAURELS FOR 40 MEMBERS OF SENIOR CLASS

Highest Honors to 13, Honors to 27 More Among the 1935 Graduates

Recognitions announced during the seventy-second annual spring commencement exercises of Kansas State college included high honors and honors to 40 members of the senior class, and commissions and certificates in the Officers' Reserve corps to 100 students of advanced military training.

High honors went to the 13 seniors who constituted the highest 3 per cent of their class scholastically. Honors went to the 27 who constituted the next highest ranking 7 per cent of the seniors.

The awards were as follows:

Division of agriculture: high honors—Allison Glenn Pickett, Americus; Albert Adam Thornbrough, Lakin. Honors—Charles Ernest Murphey, Leoti; George Albert Rogier, Matfield Green; Donald Risdon Cornelius, Wheaton; J. Forest Wolf, Manhattan.

Division of veterinary medicine: high honors—Oscar Frederick Fischer, Junction City; Donald Clifford Kelley, Great Bend. Honors—Lawrence Charles Donat, Manhattan; Herbert Henry Fechner, Manhattan; Joseph Frank Knappenberger, Penasola.

Division of engineering: high honors—Arthur Abraham Regier, Elbing; Frederic Raymond Senti, Cawker City; Fred Jacob Benson, Grainfield; Vorrax Alexander Elliott, McPherson. Honors—Howard Elliott Rivers, Hutchinson; Maurice Wilson Horrell, Baldwin City; Wilbur Eugene Combs, Manhattan; Ruth Elizabeth Langenwalter, Wichita; Junior H. Howard, Oberlin; Dean Edwin Swift, Olathe; Arnold Joseph Churchill, Junction City; Alan Max Schaible, Fairview.

Division of home economics: high honors—Ruth Elizabeth Jorgenson, Manhattan; Lenore Vinneal Converse, Harveyville. Honors—Frances Emma Moss, Lincoln; Elizabeth Daniel Walbert, Columbus; Doris Jenelle Thompson, Marion; Althea Leonore Keller, Enterprise.

Division of general science: high honors—Lloyd Everett McDaniel, Michigan Valley; Paul Everett Blackwood, Talmo; John McPherson Rutherford, Manhattan. Honors—Anna Marie Edwards, Athol; Donald Baker Parrish, Fort Scott; Winifred Wolf, Ottawa; Helen Louise Vickburg, Talmage; Robert LaVone Shannon, Geneseo; Harold Wierenga, Cawker; Edmund Peter Marx, Manhattan; Bernice Eileen Covey, Miltonvale.

Baptists Have Annual Retreat

The annual retreat for the young people of Baptist organizations was held at Camp Rotary Sunday, May 5. Plans for next year were discussed by Justus O'Reilly at the meeting and new officers were installed by Prof. Wendell Beals. Sixty attended the noon meal and 75 attended at night.

'SENTIMENT DISPLACES MORAL LAW' IS CHARGE

BISHOP KELLEY IN BACCALAUREATE ANALYZES MODERN LIFE

Says Universal Education Has Failed to Save Us As Curricula, Teaching Methods Aim at Making Tasks, Not Developing Character

A civilization of cosmetics, aspirin, and pick-me-ups will be the inevitable result of substituting sentiment for moral law as a people's motivating force. This was the theme of the baccalaureate sermon delivered Sunday night, May 26, in Memorial stadium by the Most Rev. Francis Kelley, bishop of Oklahoma City and Tulsa.

He was heard by a crowd which practically filled the west side of the stadium.

"Our troubles on the surface may be monetary, agrarian, industrial, or social," he said, "but the fundamental trouble is loss of the force found only in obedience to the moral law. Sentiment has become the main-spring of our collective thinking. Modern man is mob-minded, too readily accepting popular opinion, a fit subject for propaganda."

'UNIVERSAL EDUCATION FAILED US'

Curricula of schools, teaching methods, influenced by sentiment rather than moral law have emphasized enjoyment rather than work, forgetting that "values left undeveloped early never develop at all," he charged. Hence universal education has failed to save us.

He denounced sentimentality in electing judges merely because they are good fellows, in handling of criminals, in excusing of lynching. This ignoring of moral law, he pointed out "has weakened parental authority, broken homes, substituted play for work, killed art, degraded music, discouraged learning."

BLAMES STATE PATERNALISM

State paternalism is more and more diminishing the duties of the family, he declared, for sentiment asks the state to do what the family can and always has done better. Neither the state nor the best of teachers can take over the work of the home. "Let sentiment have its way and in three generations we shall again have to invite immigration to save the nation."

He concluded with the hope that our age is only an interlude "like that which the Prodigal Son brought into his own life when he wasted the substance his father had given him."

Prepare for Balloon Observation

The task of assigning men to observation posts throughout Kansas will soon be completed by Prof. L.

E. Conrad, head of the department of civil engineering, in preparation for the stratosphere balloon flight which is scheduled for the first favorable weather after June 1. The two posts nearest Manhattan include one five miles west of Manhattan and one nine miles northwest of McFarland.

SOPHOMORE HONORS TO 31 AT COMMENCEMENT

Five Per Cent of Class in Each Division Is Given Coveted High Rating

Sophomore honors for high scholarship at Kansas State college were announced at the annual commencement. Five per cent of the sophomore class in each division is given the coveted high ranking. The winners this year, by divisions, are:

Division of agriculture—Horton Laude, Manhattan; Oren Reusser, Wellington; Robert Latta, Holton; Clarence Bell, McDonald; Lyle Murphy, Manhattan.

Division of veterinary medicine—Loris Arthur Dehner, Concordia.

Division of engineering—Francis Beichley, Chase; Max McCord, Manhattan; Max Lyon, Sabetha; Perry Wendell, Topeka; William Litfin, Great Bend; George Henderson, Herington; Loren Grubb, Phillipsburg; Hobart Mariner, Fredonia; Robert Burns, Wichita.

Division of home economics—Helen Hall, Sterling; Mildred Stadel, Manhattan; Sarah Lister, Wamego; Pauline Sherwood, Grenola; Irene Baldwin, Ada.

Division of general science—Garret Shehi, Topeka; Robert Griffith, Bogue; Ella Johnstone, Wamego; Gladys Poole, Kansas City, Mo.; Edward Jones, Manhattan; Janet Samuel, Manhattan; Marie Fox, Junction City; Elsa Prickett, Wamego; Katharine Kilmer, Kirwin; Jean Willoughby, Manhattan; Sigrid Sjogren, Concordia.

400 Iris Varieties Here

The Iris garden, north of the college greenhouse, which has attracted considerable attention recently, contains more than 400 varieties of Iris. Approximately 100 of them were given by Mrs. W. H. Manning of Emporia and the remainder by the American Iris society. Twenty-nine fall blooming varieties were purchased recently.

W. F. A. C. Wins Track Trophy

The W. F. A. C. track team, by taking three first and several second, third, and fourth places, added enough points to its indoor total to nose out Delta Tau Delta, 118 to 114, and win the intramural track trophy last week. Sigma Alpha Epsilon was third with 104 points.

GRADUATION HONORS TO 582 AT COMMENCEMENT

B. S. AND D. V. M. DEGREES TO 385 MEMBERS OF SENIOR CLASS

Master of Science Group of 21, with Honorary Degrees to Three and Professional Degrees to Two Engineers

Five hundred eighty-two degrees, commissions, and honors were awarded in the seventy-second annual spring commencement May 27. Bachelor of science or doctor of veterinary medicine degrees were awarded to 385 individuals, master of science degrees went to 21, honorary degrees were conferred upon three distinguished citizens and two professional degrees were given to engineers.

One hundred military commissions, 40 senior honors, and 31 sophomore honors for high scholarship also were announced.

The names and addresses of those who received degrees:

DIVISION OF AGRICULTURE

Bachelor of science in agriculture—Donald Maurice Atkins, Manhattan; James Kenneth Bigford, Manhattan; Lee Justin Brewer, Hartford; Everett Leslie Byers, Hepler; Richard Henry Campbell, Grenola; Hilbrand David Chilen, Miltonvale; Donald Risdon Cornelius, Wheaton; Robert James Danford, Hutchinson; Raymond Joseph Doll, Ellinwood; Edwin John Gantenbein, Elmo; Harold Ebert Groger, Solomon; Louis Benton Hanson, Jamestown; Clifford Lorraine Harding, Wakefield; Irving Bennett Hawk, Effingham; Boyd Herbert Hope, Moundville, Mo.; George Homer Jameson, Garrison; *Taylor Lewis Jones, Garden City; Benjamin Christ Kohrs, Elmo; Wilbur Max Lehman, Watheana; Walter Morris Lewis, Larned; George Lester McColm, Emporia; Donald King McKenzie, Solomon; John David Miller, Manhattan; Charles Ernest Murphey, Leoti; Herbert Herman Niles, Olivet; Marion Burns Nolan, Manhattan; Verle Roosevelt Oline, Sterling; Frank George Parsons, Manhattan; John Roland Patton, Columbus; Allison Glenn Pickett, Americus; Floyd Volney Pinnick, Ulysses; Melvin Palmer Rogers, Glasco; George Albert Rogier, Matfield Green; Carl Haury Rupp, Moundridge; Lloyd Jay Sconce, Halstead; Dean Doctor Scott, Bonner Springs; Ralph Danforth Shipp, Agra; Gerald Alvin Simpson, Milton; Harry Grant Stitler, Lake City; Orin Grover Steele, Barnes; Eugene Everett Sundgren, Fulton; Robert Ray Teagarden, La Cygne; Charlie Bailey Team, Wichita; Albert Adam Thornbrough, Lakin; John Sherman Todd, Olathe; Virgil Arvid Unruh, Pawnee Rock; Melvin Leckrone Wilson, Manhattan; William Alexander Wishart, Manhattan; Donald Henry Woodman, Manhattan; *Dorwin Clair Wright, Bronson; Maurice Ivan Wyckoff, Luray; William Raymond Yerkes, Jr., Hutchinson.

Bachelor of science in milling industry—*Eugene Patrick Farrell, St. Marys; Warren Ferdinand Keller, Great Bend; Leslie Waterman King, Wichita; Armand Harvey Rousseau, Seattle, Wash.; Henry Herman Stark, Wellington; J. Forest Wolf, Manhattan.

DIVISION OF VETERINARY MEDICINE

Doctor of veterinary medicine—Stephen Grieve Asbill, Manhattan; Otis Elmo Ballenger, Manhattan; Monroe Balton, Wichita; Jesse Clyde Brock, Sale City, Ga.; Joseph Leo Cavanaugh, Esbon; Arthur Henry Lawton Daman, Manhattan; William Dekker-van Gyl, Manhattan; Lawrence Charles Donat, Manhattan; Herbert Henry Fechner, Manhattan; Oscar Frederick Fischer, Junction City; Edward Frahm, Manhattan; Hubert Raymond Hein, Washington; Leonard Wilbur Hibbs, Manhattan; Crosby Johnson Hook, Manhattan; David Marion Howard, Manhattan; Harold Jack Jewell, Manhattan; Sanford Edwin Johnson, Manhattan; Donald Clifford Kelley, Great Bend; Samuel Kelsall, III, Lawrence; George Miller Kerr, Manhattan; Joseph Frank Knappenberger, Penasola; James Kral, Manhattan; Elmer Ira Long, Manhattan; Glenn Melvin McFadden, Natoma; Don Lee Mace, Manhattan; Joseph David Manges, Courtland; Edwin Louis Millenbruck, Herkimer; Roy Forest Miller, Manhattan; Wilson Marshall Osteen, Manhattan; Wilbert Edwin Osterholtz, Manhattan; Eusebio Antonio Pérez, Panama City, Panama; Leonce Louis Picot, III, Manhattan; William Henry Rockey, Manhattan; Leonard Anthony Rosner, Bucyrus; Paul Daniel Ross, Ottaville, Mo.; Kenneth Earl Sadler, Seneca; Clarence Peter Schmidt, Manhattan; John Clarence Smith, Manhattan; Jacob Emil Spring, Pittsburg; Charles Dougherty Stafford, Manhattan; Clarence Melvin Stay, Manhattan; Frank Allen Story, Manhattan; *Willis Alexander Thomson, Girard; Clarence Campbell Vierling, Manhattan; William Fernando Waddell, Manhattan; Clement Earl Watson, Manhattan; Lillis Raphael Wempe, Seneca; Theodore Shields Williams, Kansas City; William Welton Williamson, Manhattan; Edwin Strauel Wiseman, Delphos; Wilbur Harold Wiswell, Manhattan; Samuel Frederic Zickefoose, Rossville.

DIVISION OF ENGINEERING

Bachelor of science in agricultural engineering—Roy Doubt Crist, Brewster; Kyle Engler, Burton; Victor Hopeman, Independence; Charles William Stewart, Hunter.

Bachelor of science in architecture—
(Continued on third page)

Descendants of Samuel and Eleanor Thackrey Here for Reunion



Descendants of the Samuel and Eleanor (Grecian) Thackrey family who met here for a reunion during commencement. More than 30 members of the family, coming from Ohio to California, were here for the event. Of this number 24 were graduates or former students of Kansas State college. Thirty-six direct descendants of Samuel Thackrey have attended Kansas State. A Thackrey memorial unit of the Kansas State college alumni loan fund has been set up. Of the more than \$800 contributed, \$500 has been set aside as a memorial unit to the founders of the Manhattan Thackreys—Eleanor and Samuel Thackrey. Members of the family who attended the reunion here during commencement:

Front row, left to right: Emily (Sheppard) Thackrey, Kansas City, Mo.; Carrie (Harris) Totten, Clifton; Cora (Thackrey) Harris, Manhattan; Verda (Harris) Whitenack, Hopewell, N. J.; Elva (Palmer) Thackrey, Bushton; Vera Thackrey, Greensburg; Maude (Harris) Gaston, Iola; Harold A. Thackrey, Camden, Ark.; Florence (Harris) Walker, Abilene; Lynn Harris, Wichita. Second row, left to right: Vida Harris, Manhattan; Greta (Greeley) Harris, Wichita; R. I. Thackrey, Kansas City, Mo.; Richard Totten, Clifton; S. I. Thackrey, Manhattan; Rev. J. E. Thackrey, Bushton; Franklin Thackrey, Jessie (Dean) Thackrey, Lincoln, Nebr.; Frank and Donald Harris, both of Lakewood, Ohio.

The KANSAS INDUSTRIALIST

Established April 24, 1875

F. D. FARRELL, PRESIDENT..... Editor-in-Chief
F. E. CHARLES,..... Managing Editor
R. L. THACKREY, H. F. HOSTETTER,..... Assoc. Editors
RALPH LASHBROOK..... Assoc. Editors
KENNETH L. FORD..... ALUMNI EDITOR

Published weekly during the college year by the Kansas State College of Agriculture and Applied Science, Manhattan, Kansas.

Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. C. E. Rogers is head.

The price of THE KANSAS INDUSTRIALIST is \$3 a year, payable in advance.

Entered at the postoffice, Manhattan, Kansas, as second-class matter October 27, 1918. Act of July 16, 1894.

Make checks and drafts payable to the K. S. C. Alumni association, Manhattan. Subscriptions for all alumni and former students, \$3 a year; life subscriptions, \$50 cash or in installments. Membership in alumni association included.



WEDNESDAY, MAY 29, 1935

WORKING ONE'S WAY

A million boys and girls this month are being graduated from the high schools of the land. And of these a goodly number are anxiously looking forward to next fall and trying to figure out some way to finance a college course.

"I'll do anything to earn my board and room," they earnestly but vaguely declare in letters asking for part time jobs. Instead they should be able to say, "I can do auto repair work," or "fix radios," or "take dictation in short hand," or "I'm especially good at taking care of small children," or "can cook well and have had some experience in catering."

"If you are sure you are college material and have a high school record to prove it but are hampered by lack of money, you should during your high school course develop skill and experience in some vocational pursuit that might have local value," declares Harry Stone, dean of men of West Virginia university, who annually handles hundreds of letters asking about self support. "A fifth year in high school devoted to purely vocational training would in some cases pay rich dividends for students who plan to spend four years in college and perhaps three or four years after that in a professional school."

Places waiting tables and doing odd jobs are in any college town far fewer than the applicants. A definite manual skill of some sort gives the prospective college student a decided advantage in the search for part time jobs.

COLLEGE CALIBER

Black-robed young men and women at this season are marching across college platforms, receiving their sheepskins. How many of these young people represent social waste—waste because teachers and parents have mistakenly tried to fit them into the academic mold for which they have had no aptitude?

Less than would have been true ten years ago probably. More and more, high schools and some of the service clubs are examining children critically so as to help them and their parents decide upon their careers in the light of their talents. In a technical college such as Kansas State the freshmen courses still further orient young people, and try to weed out unpromising material. A boy comes here with a vision of himself as a civil engineer and is told by faculty members the first semester that he hasn't the requisite aptitude for mathematics. He is shifted into a more hospitable and fitting field. The journalism curriculum has a freshman survey course which is to aid would-be newspaper men and women in self analysis as well as to give a competent instructor a chance to size up the student and eliminate the misfits. Other curricula are doing the same.

But even a semester of scouting and floundering would not be necessary if high schools of the land were doing a thorough job of vocational guidance. Some are indeed doing all they can under present depression handicaps; progress is being made. This progress involves educating the parents, too, as to vocational equip-

ment, mentality, personality traits, and physical qualifications.

Too many parents, eager that their children have the advantages they themselves lacked, have the belief that college education is imperative for their offspring. The facts may be that their Junior and Henry are of equally high mentality. But for Junior the college education may be a waste of time and perhaps even a detriment to him, whereas Henry is suitable college material. Junior, we'll say, should go at once into dad's business or, after a year's course in a trade school, take up the work he loves.

It's a false notion that "a college course can't do him any harm—he'll get something out of it—and it will give him prestige!"

Every high school should have available Lonzo Jones' book, "Shall I Go to College?" with its rating device, though it is not as comprehensive a study as one would wish. Teacher and parent should also ask: Can he study independently? Can he learn things beyond requirements? How strong are his intellectual interests? Can he plan a program of action involving issues and reason about them? Has he the personal and emotional characteristics usually necessary for college life?

If Kansas parents and high school graduates would make some such thorough-going analysis this summer, next fall's crop of freshmen should be happier and better adapted than usual.

MUSIC

Commencement Recital

Miss Phradie Wells sang a charming program to an appreciative audience in the recital given in compliment to the alumni, the graduates, their relatives, and other friends of the college Sunday afternoon.

Miss Wells' voice is rich and full, and she sang with power and ease. Her magnetic stage presence, gracious manner, thoughtful recognition of her accompanists, and gracious response to applause added to the favorable impression created by her voice. Miss Wells' range of linguistic equipment was illustrated by her songs in Italian, German, and Spanish, though half of her program, including her encores, was considerably sung in English.

The program was varied and un-hackneyed, but wisely selected from music of not too great difficulty to be appreciated by a popular audience. The Verdi aria from "La Forza del Destino" and the group of romantic

I have come home again.
Here I was born, and only here
Some faithful part of me
Is satisfied. The queer
Nostalgic yearning which assails
White sleepless nights or busy noons
In distant cities is subdued
When I have wandered back. The Junes
Of yesteryear are mine once more
And quiet memories abound
To drench me with the sweet hot pain
Which is remembering. This ground
Is hallowed by young ecstasy.
Here I have learned in years gone by
The worth of unimportant things:
To listen to the high sweet cry
Of mating meadow larks, to hear
The muted murmur of the pines,
The rustling whisper of the grass,
And clinging couplings of vines.
And here in silence I have stood
On many a moonless night—white snow
Around above—below—only
The muffling snow and I—no glow
Of distant star—no faintest wind
To draw my ear or eye. Here, too,
I have heard cannonading rain
Brot by an eastern wind, that blew
Its pulsing blasts against grey panes
And sent a churning flood of foam
Down the long water spouts; the call
Of mourning doves seeking a home
On some high eave; the vibrant rasp
Of katydids, and over all
The strong beat of a slow swung bell
Hung high above an historied hall.

German songs showed Miss Wells' technical ability and understanding of the older styles of music. The second part of the program exhibited a breadth of repertoire, in its fresh and interesting songs from continental and American composers. An especially welcome selection was the aria from Cadman's new American opera, "Shanewis." This aria combines a Puccini-like introduction with an Indian song. The last was sung by Miss Wells with full appreciation of its rhythmic and dramatic possibilities.

The romantic but dignified "Andante with Variations, Op. 50," by Tchaikovsky, was played by the college trio, Richard Jesson, piano; Max Martin, violin; and George Henry, cello. The music was thoroughly in keeping with the spirit of Miss Wells' program and was played with competence and feeling. Mr. Jesson also accompanied Miss Wells. His support was adequate and intelligent. Mr. Henry's obligato to Glen's "Twilight" added charm to a delightful solo.

If Miss Wells were to appear again before a Manhattan audience, she would surely be greeted by an even larger and equally enthusiastic audience.—H. E. E.

Many a man fails to become a thinker for the sole reason that his memory is too good.—Nietzsche.

CLASS MEMORIAL TREES SURVIVE DROUTH, MANY OTHER BEAUTIFUL ONES ALSO SAVED

Some of the classes worked with caution and secrecy, others held elaborate ceremonies, but the tree planting episodes of former senior classes are vivid memories to alumni. And in these trees lies much of the beauty of Kansas State's campus. It has been only with effort, however, that the trees have been saved from the drouth.

Although half the trees on the campus were injured or killed during the summer, the department of horticulture was able to save the more valuable ones from damage by watering.

The Scotch pine near the walk northeast of Anderson hall still remains to recall to members of the class of 1905, who returned to their reunion last week, the day when the biggest and burliest member of their class secretly went to the nursery and, unaided, dug out a choice pine, and planted it as the class memorial. Although 28 Scotch pines died and 189 were injured, this one was saved.

Pin oaks were another heavy loser in the drouth, but the pin oak which was planted by the class of 1910 in an elaborate dedicatory service came through. In spite of the ceremony accorded this tree in 1910, it would have been chopped down several years later to clear a place for the walk leading to the east entrance of the auditorium had not Dr. C. W. McCampbell, a graduate in '10, happened along. He asked the workmen to stop until he informed proper authorities of its history. That accounts for the slight curve in the walk.

The tulip tree across from Education hall, "the campus's most outstanding and beautiful tree," according to both Prof. R. J. Barnett and Prof. L. R. Quinlan of the department of horticulture, was watered all last summer and again this spring, but it began to show signs of injury before it was finally saved by recent rains. Although it has never been designated as a class tree it is often visited by returning alumni.

The American elm in the grove of maples near the Bluemont walk, under which the class of '89 held secret meetings, and under which a marker was placed by members of that class at their reunion last year, was not damaged.

The rambling Austrian pine at the southeast corner of the shops, brought to this campus from the old Bluemont college, also was saved.

According to a thorough investigation made by Professor Quinlan before the leaves fell last fall, only 1,857 of the 3,710 trees on the campus withstood the drouth completely. The red cedars were best adapted to the dry condition and the Chinese arbor vitae of which there are many on the campus came next. Of the 107 species, Scotch pines suffered the worst loss.

Fortunately four species of trees, of which there is only one on the campus, remained undamaged. They are black oak, willow oak, osage orange, and soapberry.

Three Douglas firs, two honey locusts, and one cockspur thorn were killed and over 23 other trees were injured in the Denison hall fire. Trees to the west and north of the building were damaged most.

I HAVE COME HOME

Helen Correll Browne, '25

Here on a moon made nite, I've seen
A towered wall etched black
Against white sky—its vine clad nooks
Most deeply dark—slate roofs and stack
Picked out in silver, and long veils
Of dreamy dusk leading the eye
Gently from shade to shadow—Watched
Thru nite hours underneath a sky
So richly hung with stars, it seemed
The heart could scarce endure. I saw
Across the sodden brown of spring
A cardinal's flight, against the raw
Forbidding day too keenly bright.
Here stood a tree before a purple sky
Making with barren limbs some price-
less lace,
And there far in the autumn heavens
fly
Great V's of southland seeking birds.
I have seen woodbine on a white
Rock wall turn scarlet—watched the
sere
Brown leaves torn from the vine, to
light
In decent quiet where no breezes stir.
I have walked underneath hot pines—
And let my senses faint beneath the
weight
Of spicy fragrance—in long lines
Of sunlight penciled thru the boughs.
I have smelled new mown hay, and
earth
Just turned behind the shining plows.
I have come home again; I know
By every sight—by every lovely sound—
By all delighted reawakenings—and oh!
I'm glad to have come home again.

IN OLDER DAYS

From the Files of The Industrialist

TEN YEARS AGO

One hundred eighty-two graduate students studied at the college during the past semester.

Dr. Eugene Davenport, dean emeritus of agriculture at the University of Illinois, delivered the commencement address, and Dr. Arthur E. Holt of Chicago Theological seminary gave the baccalaureate sermon.

TWENTY YEARS AGO

The Colonizer, a London magazine, ran a two page article on Kansas, devoting more than three-fourths of it to the college. The article was illustrated with a picture of Anderson hall.

Delta Zeta, national sorority, was the first to install a chapter here. President H. J. Waters was honorary patron, and Mrs. H. J. Waters and Mrs. Mary Pierce Van Zile, dean of women, honorary patronesses.

THIRTY YEARS AGO

The Manhattan Driving club was building a track on the Sarber farm, across the Blue river. It was expected the track, including fencing, would be finished by July 4.

Governor Hoch was to deliver the annual graduation address, June 5, to be followed in the afternoon by a cadet band concert. Military drill was scheduled on the afternoon program and the triennial alumni banquet in the women's gymnasium the same evening.

The Club of Aquatic Sports was to give its first public exhibition on June 5 at the Wildcat pool, a quarter of a mile southwest of the county poor farm. All instructors and students were invited to enter the swimming races, contests in diving, plunging, trapeze and spring-board tumbling, and water-polo.

FORTY YEARS AGO

Gas lighting in the chapel was replaced with electricity.

The ladies' calisthenics class furnished entertainment at the mid-term social of the college. They performed with Indian club and dumb-bell exercises.

An apron contributed by the sewing department of the college was the most elaborate at the International Apron Bazar at Pine Bluff, Ark. The apron, which sold for \$5, was made of white muslin with a deep border of sunflowers in natural colors across the bottom and the inscription, "I want to be in Kansas where the sunflowers bloom." Bertha Kimball, class of '90, designed and lettered the apron.

FIFTY YEARS AGO

Thirty-five students were candidates for degrees at the State university commencement exercises.

The seventeenth annual commencement address of the college was to be given by Rev. A. D. Mayo of Boston.

SIXTY YEARS AGO

One hundred forty-three students attended the college during the school year. They came from 32 Kansas counties, six other states, and one student came from the Indian territory. Of the 50 students from Riley

county, nine were from Manhattan.

At commencement exercises the graduating class delivered their orations: Mr. Reuben E. Lofnick discussed "The Creation of the World," and Miss Alice E. Stewart, "Ultima thule." The degree of bachelor of science was conferred on Mr. Lofnick, and Miss Stewart received the bachelor of arts degree. Wendell S. Williston was awarded the master of arts degree.

FESTIVAL IN THE EASTERN HALL

Translation from The Emperor Yang in Poetry

The rain is over—the beauty of spring is bright with drops.
The sun sinks—the twilight clouds are glorious.
By the shore, pomegranate-brakes grow denser, nearing their fullness.
The mountain-cherries have flowered—the blossoms are not yet fallen.

Clear tones rise with the singers' fans,
Floating fragrance whirls from the dancers' robes.
Curtains of kingfisher feather hang before every window,
Golden screens half hide the doors.

The spirits of wind and flowers are everywhere.
All fragrant trees are bright with the birds' return.

SUNFLOWERS

H. W. D.

PROSPECT

My guess, which is as good as yours maybe, or even Mr. Tugwell's, is that the American public is ripe for the most enormous spree of gambling this world has even known. And it will probably come about in less than 300 years.

My evidence is the interest in Irish Sweepstakes, the Kentucky Derby, the chain-letter furor, marble boards and slot machines, radio contests, contract bridge, pari mutuels, and the as-yet quiet, but insistent, agitation for state or national lotteries as a source of revenue. There are a dozen other things you can think of—if you have the time—that very forcefully seems to indicate that we as a people are all set for a record-breaking wave of dalliance with Lady Luck.

If there is any considerable weight of public opinion against lotteries and betting at present, it is a feather—or a bantam-weight, or else it is keeping itself carefully silent in preparation for a mighty, initial outburst when the time is ripe for opposition.

Perhaps the chain-letter imbecility is the most significant indication of the desire of average American citizens to get a lot for a little or nothing. I received eight or ten letters and observed that the forty or fifty individuals named thereon could easily be classed as representative, upright, God-fearing Americans, willing to exchange a dime for \$1,500 and ask no questions.

Just how many of them would vote against government-sponsored lotteries to pay off our bloated debts I don't know; but it seems reasonable to suppose that with a secret ballot a sizeable percentage of them might.

What I am getting at, if anything, is that the depression seems to have dragged in behind it a desperate fervor for widespread long-shot taking, also to have stifled all opposition thereto. It isn't the sporting gentry who are betting dimes against fortunes—it's almost everybody; and if that isn't a perfect set-up for the introduction of legalized lotteries to pay up debts we'd otherwise have to pass on to our great grandchildren, I'm a poor prophet.

I hope you don't think I'm viewing with alarm or warning America against evil-doing. Every other citizen of the land seems to have taken it upon himself to explain what we seem to be coming to, and I'm only trying to do my part. Legalized lotteries with the government taking the profits would have to go some to do more harm than the hundreds of sub-rosa ticket-selling schemes operated in spite of the law today, the house-percentage of which goes heaven knows where.

No, I'm only exercising my questionable privilege of pointing out a fact or a condition, or a situation. Maybe you've already noticed it and maybe you haven't. If I'm right, some day I can have the pleasure of saying I told you so. If I'm wrong, nothing will ever come of it.

LOOKING AROUND

KENNEY L. FORD

Alumni day was observed Saturday, May 25, with class luncheons, the annual meeting of the alumni association, and the alumni-senior banquet. The classes of 1925, 1910, and 1895 had unusually large groups back. More than 60 per cent of the class of 1895 returned for their class reunion. The 1910's held a two-day celebration which ended with a dinner for 40 at the Wareham hotel.

The annual meeting of the alumni association held Saturday afternoon at 2 o'clock in Recreation center was attended by approximately 150. The program was a panel discussion of alumni association activities and objectives participated in by the following members of the board of directors and advisory council: E. A. Allen, '87; A. P. Davidson, '14; L. C. Williams, '12; Mame (Alexander) Boyd, '02; H. W. Avery, '91; Daisy (Hoffman) Johtz, '00; Charles Shaver, '15; R. A. Seaton, '04; A. T. Kinsley, '99; and W. E. Grimes, '13.

E. A. Allen, '87, R. A. Seaton, '04, and W. E. Grimes, '13, were re-elected to serve three year terms on the board of directors of the alumni association. Miss Alice Melton, '98, had charge of the memorial service for alumni and faculty who died during the past year.

Following the general meeting of the alumni association, the board of directors met and elected officers of the association for the coming year. Dr. A. T. Kinsley, '99, Kansas City, Mo., was elected president; Dr. C. E. Coburn, '91, Kansas City, vice-president; A. P. Davidson, '14, Manhattan, secretary; and Dr. W. E. Grimes, '13, Manhattan, treasurer.

The board of directors appointed the following five members of the advisory council of the alumni association: Mrs. Daisy (Hoffman) Johtz, '00, Abilene, for three years; Charles Shaver, '15, Salina, for two years; and the following for one year terms: Dr. A. T. Kinsley, president of the alumni association; George Rogler, '35, Matfield Green, and Kenney L. Ford, '24, executive secretary of the alumni association.

The alumni-senior banquet in Nichols gymnasium was attended by 488. E. A. Allen, '87, was the toastmaster. A senior trio consisting of Julia Crow, Margaret Higdon, and Lucille Herndon gave two selections. Edgar A. Allen, '87, retiring president of the board of directors of the alumni association, welcomed the class of 1935. The response was by Albert Thornbrough. Helen (Correll) Browne, '25, gave a series of readings and poems and William Fitch, '35, an oboe solo. C. M. Harger, chairman of the board of regents, gave the address. Frances Aicher, '37, then gave a talk on the diamond jubilee which is being planned for 1937-38. Charles Moorman, '36, with Prof. Charles Stratton, '26, at the piano played a xylophone solo.

Then came the alumni roll call for all reunion classes and for the Thackrey reunion group. The climax was when Rev. John E. Thackrey, '83, Bushton, reviewed briefly the benefits derived by many members of the Thackrey family who have attended Kansas State college in the past 50 consecutive years. Reverend Thackrey closed by presenting a gift of \$500 to the alumni association to be used as Samuel I. and Eleanor Thackrey memorial loan fund for Kansas State college students who need financial assistance. A dance and mixer were held following the banquet.

Registration of alumni was in Recreation center and the alumni office. The following registered:

1877—George H. Failyer, Manhattan.
1879—Clarence E. Wood, Bushyhead, Okla.
1880—Emma (Knotman) Huse, Manhattan.
1883—J. T. Willard, Manhattan; J. W. Berry, Manhattan; and Jacob Lund, Manhattan.
*1885—Albert Deltz, Kansas City, Mo.; Cara (Secrest) Hungerford.
1886—Samuel I. Thackrey, f. s.
1887—E. A. Allen, Raymore, Mo.
*1890—S. C. Harner, Manhattan; Marie (Senn) Heath, Enterprise; Bertha (Kimball) Dickens, Manhattan; E. C. Pfuetz, Manhattan.
1891—H. W. Avery, Hutchinson; Louise Reed, Holton; F. M. Linscott, Holton.
1892—George W. Wildin, Pittsburgh, Pa.
1893—William E. Smith, Wamego; Stanton Curtis, St. Louis, Mo.; John E. Thackrey, Bushton; Susie (Hall) Linscott, Holton.

1894—Winnie (Romick) Chandler, Kansas City, Mo.

*1895—Ada Rice, Manhattan; W. H. Steuart, Winchester; Dora (Thompson) Winter, Columbia, Mo.; W. H. Phipps, Kansas City, Mo.; Geo. A. Dean, Manhattan; V. E. Emrick, Omaha, Nebr.; Etta (Smith) Reed, f. s.; E. H. Freeman, Wilmette, Ill.; R. J. Barnett, Manhattan; Theo. W. Morse, Topeka; George Forsyth, Franklin, Ind.; Cora (Stump) Chaffee, Lasita; John Patten, Sycamore, Ill.; Hortense (Harmon) Patten, Sycamore, Ill.; Flora (Day) Barnett, Manhattan; C. V. Holsinger, Ames, Iowa; Lucy Ellis, Topeka; Olive (Wilson) Holsinger, Ames, Iowa; Kitty Myrtle (Smith) Wheeler, Denver, Colo.; William J. Joss, Wheeler, Tex.; Frank Dawley, Manhattan; Mary (Willard) Leonard, Omaha, Nebr.; Myron Limbocker, Emporia; Fred Smith and Laura (McKeen) Smith, Russell; Burton W. Conrad, Sabetha; W. H. Steuart, Winchester.

1896—Elva (Palmer) Thackrey, Bushton.
1897—Ina E. Holroyd, Manhattan; J. E. Tremblay, Council Grove.

1898—Anna M. (Dahl) Davis, Manhattan; Alice M. Melton, Manhattan; Cora (Thackrey) Harris, Manhattan.

1899—Harry W. Johnston, Manhattan; Albert T. Kinsley, Kansas City, Mo.

*1900—F. B. Morlan, Courtland; Daisy (Hoffman) Johtz, Abilene; Jessie M. Wagner, Manhattan; H. M. Bainer, Brookfield, Mo.; C. M. Correll and Laura (Trumbull) Correll, Manhattan; C. A. Chandler, Kansas City, Mo.; Jennie (Edelblute) Smethurst, Manhattan; L. W. Waldraen, Randolph; Minerva (Blachly) Dean, Manhattan; Clara Spilman, Manhattan; Katherine (Paddock) Hess, Manhattan.

1901—Harry T. Stephens, f. s.; Anna (Smith) Kinsley, Kansas City, Mo.; Charles J. Burson, Manhattan; Ina F. Cowles, Manhattan.

1902—E. M. Amos, Manhattan; L. A. Fitz, Wilmette, Ill.; Mame (Alexander) Boyd, Phillipsburg.

1904—Roy A. Seaton, Manhattan; Jennie (Cottrell) Nelson, Holton.

*1905—Wayne White, Burlington; Winifred Johnson, Solomon Rapids; Grace E. Umberger, Manhattan; Edith (Davis) Aicher, Hays; A. F. Turner, Manhattan; William Ljungdahl, f. s., Manhattan; Arthur J. Rhodes, Manhattan.

1906—Marcia E. Turner, Ames, Iowa; C. W. McCampbell, Manhattan.

1907—L. M. Jorgenson, Manhattan; Wilson G. Shelley, McPherson.

1908—Frank Harris, Lakewood, Ohio; Maud (Harris) Gaston, Iola.

1909—Annie (Harrison) Jorgenson, Manhattan; Jessie (Apitz) McCampbell; E. F. Kubin, McPherson; Edith (Jones) Iles, Manhattan.

*1910—W. D. Austin, Isabel; W. F. Turner, Belton, Mo.; E. H. Dearborn, Manhattan; Blanche (Vanderlip) Shelley, McPherson; Clyde O. Ward, St. Joseph, Mo.; Emma Irving, Nashua, Mo.; R. M. Platt, Hoop, Colo.; Emma (Lee) Kubin, McPherson; J. W. Lumb, Manhattan; Maude Estes, Kansas City, Mo.; W. L. Blizard, Stillwater, Okla.; Carrie (Harris) Totten, Clifton; Hurd T. Morris, Wilkinsburg, Pa.; William M. Orr, Canon City, Colo.; L. C. Aicher, Hays; D. C. Bascom, Ft. Collins, Colo.; Ella (Soupe) Crowther, Muskogee, Okla.; Vergie McCray, Independence, Mo.; Gladys (Nichols) Dearborn, Manhattan; Viola (Hepler) Bower, Osage City; Carrie (Gates) McClintic, Beloit; Jennie Williams, Manhattan; Ethel (Coffman) Roberts, Morrill; Floyd E. Wilson and Lucile (Forest) Wilson, Norfolk, Nebr.; A. L. Harris, Wichita; Gretta (Greeley) Harris, f. s., Wichita.

1911—Harvey G. Roots and Pearl (Smith) Roots, Wamego.

1912—Eula (McDonald) Orr, Canon City, Colo.; L. C. Williams, Manhattan; A. J. Mack, Manhattan; Lucy (Platt) Stants, Wichita.

1913—W. E. Grimes, Manhattan; Harry E. Dodge, Topeka; Lydia (Stoddard) Turner, Belton, Mo.; Arthur H. Montford, Hutchinson.

1914—Golda (Masters) Burket, Del Rio, Tex.; A. P. Davidson, Manhattan; F. P. Root, Manhattan; Joe M. Goodwin, Emporia; H. C. Gaden, Seiling, Okla.; Harold A. Thackrey, Camden, Ark.

*1915—Mary (Johnson) Hull, Eldorado; James W. Linn, Manhattan; M. L. Gould, Broken Bow, Nebr., and Velora (Fry) Gould; G. H. Bunnell and Clara (Robbins) Bunnell, Colony; Frieda (Stuewe) Nelson, Alma; Charles W. Shaver, Salina; Ruth (Aiman) Lovell, Manhattan; H. H. Haymaker, Manhattan; Mildred (Hollingsworth) Gaden, Seiling, Okla.; Crystal (Kelley) Bergier, Wichita; Esther (Zeining) Korsemeier, Wichita; Elsie (Bryan) Taylor, Wichita; H. H. King, Manhattan; Effie (Carp) Lynch, Manhattan; John Hepler, Manhattan; J. D. Colt, Manhattan; Laura (Falkenrich) Baxter, Manhattan.

1916—Ada Billings, Manhattan; Verda (Harris) Whitenack, Yardley, Pa.; B. M. Anderson, Kansas City, Mo.

1917—Dwight E. Hull, Eldorado; Stella M. Harris, Manhattan.

1918—M. A. Durland, Manhattan.

1919—Myrtle Gunselman, Manhattan; Arthur F. Swanson, Hays.

*1920—C. J. Medlin, Manhattan; Mildred (Arends) Hedrick, Lawrence; R. N. St. John, Wichita; Earle W. Frost, Kansas City, Mo.; Esther Bruner, Manhattan; Carl L. Howard, Topeka.

1921—C. D. Davis, Manhattan; Myra Scott, Manhattan; Coney Foote, Topeka; Chauncey E. Sawyer, Puyallup, Wash.

1922—Lucile (Whan) Howells, Topeka; Harold Howe, Manhattan; A. D. Weber, Manhattan.

1923—Florence Stebbins, Manhattan.
1924—Burd J. Miller, Piedmont; Esther (Huling) Willis, Topeka; Randall C. Hill, Manhattan.

*1925—Bernice (Noble) Rankin, New Orleans, La.; Margaret Newcomb, Manhattan; Nora E. Bare, Eldorado; Blanche Brooks, McPherson; Helen (Correll) Browne, Norton; Lois (Gorton) Eaton, Pierceville; H. T. Willis, Topeka; Ethyl A. Danielson, Great Bend; John C. Keas, Farmington; Florence (Harris) Walker, Abilene; A. R. Sargent, Riley; E. A. Cleavinger, Manhattan; K. E. Yandell, Elizabeth, N. J.; Frank L. Myers, Manhattan; A. W. Johnson, Manhattan; D. C. Taylor, Manhattan; E. E. Howard and Phyllis (Burtis) Howard, Kansas City, Mo.; Eleanor (Dempsey) Griffith, Manhattan; C. E. Hommon, Ashland; Ruth (Hochuli) Moore, Holton; H. A. Wright, Racine, Wis.; Mary (Higinbotham) Leonard, Manhattan; Eva

(Timmons) Womer, Manhattan; Jewell K. Watt, Peru; Jessie Winder, Waldo; Katherine Welker, Atwood.

1926—Ralph H. Eaton, Pierceville; Christie Hepler, Atwood, Ill.; Emogene (Bowen) Hommon, Ashland; Ruth (Long) Dary, Manhattan.

1927—Russell Thackrey, Kansas City, Mo.

1928—Lester A. Kirkendall, State College, N. M.; Katherine Welker, Coffeyville.

1929—Ralph Lashbrook, Manhattan.

*1930—Olive (Bland) King, Salina; Frances Curtis, Kansas City; Harold Crawford and Anne (Kerr) Crawford, Ottawa; Florence Harold, Oberlin; Muriel (Howard) Nonken, Pittsfield, Mass.; Elsie (Rand) Johnson, Wamego; Martha A. Smith, Arvada, Wyo.; Clara (Miller) Culham, Salina; Janice Fisher, Bearcreek, Mont.; Anne Klassen, Manhattan; Kenneth D. Benne, Concordia; R. D. Coughlin, Manhattan; Marjorie (Curtis) Schiller, Manhattan; Ruth (Lattimore) Fansler, Wamego; Evelyn Lindsey, Winchester; Esther (Jones) Rueck, Riley; Ruth McCammon, Ft. Collins, Colo.; H. W. Loy, Manhattan; Tessie Agan, Manhattan; Louise Child, Kansas City; Emily (Shepherd) Thackrey, Kansas City, Mo.; Rex L. Fossnight, Carthage, Mo.

1931—Marguerite Chaffin, Clearwater; Frances Morlan, Wichita; George D. Oberle, Manhattan; Thelma (Child) Wiley, Superior, Nebr.; Vera Thackrey, Greensburg.

1932—Hilma R. Davis, Trousdale; K. E. Roderick, Garnett; Virginia (Noah) Gibson, Manhattan.

1933—Keith Hinchcliff, Topeka; Murray Matter, Jewell; Franklin Thackrey, Lincoln, Nebr.

1934—Herbert W. Avery, Wakefield; Marcia Eddythe Tillman, Manhattan; Ellen Blair, Manhattan; Jessie (Dean) Thackrey, Lincoln, Nebr.

*Members of reunion classes.

GRADUATION HONORS TO

582 AT COMMENCEMENT

(Continued from page 1)

Vera May Ellithorpe, Russell; Ruth Elizabeth Langenwalter, Wichita; Howard Elliott Rivers, Hutchinson; Casper Charles Winter, Dresden.

Bachelor of science in architectural engineering—Richard Carlton Brown, Hill City; Dwight Ivan Gillidett, Plains; Harold Crutchfield Hibbs, Osborne; Alton Sawyer Knechtel, Larned; George William Nesbitt, Manhattan; *Frederick Joseph Sorenson, Kansas City; Marvin Arthur Weihe, Bushton; Leroy Albert Wilkinson, Manhattan.

Bachelor of science in chemical engineering—Rowland Wilburn Flournoy, Kansas City; Ebbert Eugene Funk, Arkansas City; Arthur Jacob Hochuli, Holton; George Loomis Jobling, Caldwell; Arthur Neil McCormick, Wichita; Francis Justus O'Reilly, Girard; Alan Max Schaible, Fairview; Frederic Raymond Senti, Cawker City; Carl Norton Vickburg, Talmage.

Bachelor of science in civil engineering—Buford Dean Baker, Chanute; Fred Jacob Benson, Grainfield; Esto Ray Berkey, Manhattan; Major Guy Bliss, Minneapolis; Carl James Chappeil, Republic; Lamont Don DeCamp, Topeka; Warren William DeLapp, Elk City; William Lovejoy Dole, Almena; Glenn Fervell Egan, Altamont; Volgt Raymond Fisher, Atchison; John Warren Frazier, Manhattan; Arthur Dwight Graham, Pittsburg; Ronald George Grebner, Manhattan; Kenneth Byron Milliken, Manhattan; Ansel Joseph Myers, Lyons; Emerald Glenn Rader, Severy; William Cyrus Rhodes, Neodesha; William Hugh Roth, Ness City; Merritt Roscoe Royer, Newton; Martin Gerhardt Seibel, Ellis; Eugene Schisler Sims, LeRoy; Norman John Sollenberger, Manhattan; Dean Edwin Swift, Olathe; Francis Arthur Vaughn, Hartford; John Victor Venard, Manhattan; Millard Waldo Wilcox, Wichita.

Bachelor of science in electrical engineering—Hugh Carson Adams, Sterling; Louis Carlyle Aicher, Hays; Clifford Lankford Alcorn, Carbondale; Cecil Francis Arens, Topeka; John Vincent Baptist, Uniontown; Henry Daniel Benstrup, Deerfield; Berwyn Yelton Brewer, Wichita; Ralston Harold Clouse, Preston; Charles Elmer Cole, Manhattan; Wilbur Eugene Combs, Manhattan; Chevalier Francis Crandell, Falls City, Nebr.; David Scott Crippen, Council Grove; Dale Rush Curtis, Manhattan; Wendell Philip Dubbs, Ransom; Robert Lyle Evans, Sabetha; Glenn Dungey Farrar, Wichita; Archie French, Augusta; Richard Dale Genn, Hamilton, Washington; Frederick William Hayer, Syracuse; Robert Leroy Heinsohn, Newton; Eldon Howard Hermes, Great Bend; Thomas W. Holmes, Emporia; Maurice Wilson Horrell, Baldwin City; Junior H. Howard, Oberlin; Russell Joseph Hurt, Manhattan; Earle Lewis Kent, Manhattan; John Godfred Kimen, Manhattan; William Carroll Lacy, Everest; Stanley Taylor Merrill, Abilene; Marion Frances Miller, Manhattan; Clifford Franklin Newell, Manhattan; Leon Fred Nixon, Manhattan; Glenn O. Olson, Opolis; Melvin George Peterson, Marysville; Benjamin David Pile, Ottawa; Arthur Abraham Regier, Elbing; John Monroe Sears, Kanorado; Howard Farnsworth Spainhour, Nickerson; Anselm Ignatius Sramek, Atwood; Virgil Leland Weaver, Garden City; Claude Clayton Young, Utica; Glenn Mayer Young, Kansas City.

Bachelor of science in mechanical engineering—Harvey Clayton Bates, Augusta; Thomas Gilbert Beckwith, Hia-watha; George Ralph Brindle, Fredonia; Lloyd Richard Burdge, Parsons; Arnold Joseph Churchill, Junction City; Franklin Grimes Colladay, Hutchinson; Mary Hollis DeLapp, Cherokee; John Joseph Donnelly, Manhattan; *Vernon Alexander Elliott, McPherson; John Leo Flentie, Centuria; *James C. Foulds, Hutchinson; Ralph G. Hendrickson, Manhattan; Rolland Theodore Hinkle, Carbondale; George Wilson King, Manhattan; William Look, Manhattan; James Lawrence McIntire, Burlingame; Ralph Edwin Mariner, Fredonia; Norris Edward Miller, Kansas City; James Frederick Ransom, Homewood; Arthur George Rosenkrans, Dorsey, Nebr.; William Martin Turner, St. Marys.

Bachelor of science in home economics—Blanche Rosalind Almen, McPherson; Frances Elaine Bell, Marysville; *Hazel Florence Bland, Garden City; Grace Louise Booker, Clay Center; Mary Lee Braerton, Denver, Colo.; Mabel Rebecca Brasche, Volland; Wilma DeNell

Brewer, Riley; Edith Marion Burt, Manhattan; Ethel Irene Call, Mound Valley; Mary Jane Frances Clark, Junction City; Lenore Vincent Converse, Harveyville; Wilma Marion Cowdery, Lyons; Marlene May Dappen, McPherson; Alice Louise Droz, Humboldt; Edith Fern Frankenberg, Altoona; Marjorie Christine Fuhrman, Atchison; Elsie Marie Fuks, Langdon; Clara Bess Garrison, Lincolnville; Rosema Louise Holman, Manhattan; Geneva Johnson, Frankfort; Helen Sylvia Johnson, Wichita; Ruth Elizabeth Jorgenson, Manhattan; Rhea Irene Keeler, Nickerson; Althea Leonore Keller, Enterprise; Kathryn Marie Knechtel, Larned; Justina Susie Kroeker, Hutchinson; Helen Katherine Latta, Holton; Ruth Merriam Linscott, Holton; Lois Anne Lumb, Wakefield; Edna Leona Mann, Quinter; Geneva Louise Marble, Troy; Kathryn Marquart, Hutchinson; Arlene Marshall, Herington; Frances Emma Moss, Lincoln; *Margaret Ann Murphy, Wellington; Jennie Joy Nelson, Holton; Mollie Berthel Nix, Kansas City; Maxine Josephine Osbourne, Manhattan; Rachel Edith Roberts, Morrill; Myra May Roth, Ness City; Mary Catherine Ryan, Manhattan; Lenore W. Sample, Manhattan; Elsie Fern Selby, Manhattan; Rose Martha Skradski, Kansas City; Elizabeth Smith, Kansas City; Mary Ellen Springer, Manhattan; Doris Jenelle Thompson, Marion; Marian Ayres Todd, Leavenworth; Pauline Vail, Plains; Margaret Van Orsdol, Silver Lake; Elizabeth Daniel Walbert, Columbus; Mary Elizabeth Frances Wilkes, Leavenworth; Eunice Carolyn Williams, Osage City; Ruby Alice Wilson, Council Grove; Ruth Wilson, Topeka.

Bachelor of science in home economics and nursing—Helen Evelyn Axelton, Manhattan.

DIVISION OF GENERAL SCIENCE

Bachelor of science in commerce—Henry Everett Anderson, Richland; Lawrence Alfred Antenen, Bazine; Herbert Lewis Beckett, Garden City; Frederick Elmo Beeler, Jewell; Fred Charles Bramlage, Junction City; Charles Elbert Cheney, Abilene; Pauline Elizabeth Compton, Manhattan; Loren Wesley Elliott, Clay Center; Lawrence Charles Froelich, Abilene; Gerald Goodale Green, Norton; Howard Willard Johnson, Sublette; Henry Charles Kirk, Scott City; Leslie Kummer Lancaster, Junction City; Catherine Beatrice Mitchell, Manhattan; John Donald Porter, Mount Hope; Laurence Allen Pratt, Manhattan; Paul John Rohm, Topeka; Harold Eugene Ross, Wamego; Robert Homer Russell, Auburn; John McPherson Rutherford, Manhattan; Lawrence Ralph Schmutz, Chanute; Homer Otis Taylor, Topeka; Dwight Feltz Weekskan; *John Herman Tietze, Kansas City; Melvin Orville Ward, Egbert, Wyo.

Bachelor of science—*Orval Jack Abel, Green; John Henry Barhydt, Hutchinson; Herbert Wayne Beaman, Hutchinson; Paul Everett Blackwood, Talmage; Wilma Lois Byers, Hepler; Claude Cyril Cheney, Kanorado; Vada Faye Crawford, Little River; Ernest Dobrovoly, Manhattan; Anna Marie Edwards, Athol; *Gerald Franklin Ely, Spivey; Evan Alexis Hart, Cedar Falls, Iowa; Laura Lou Hopkins, Sabetha; Dorothy Etna Jobling, Caldwell; Alice Day Kimball, Manhattan; Myrna Amelia McClure, Manhattan; Helen Prudence McCord, Topeka; Lloyd Everett McDaniel, Michigan Valley; Crystal Elaine McNally, Iola; Grace Marie White City; Edmund Peter Marx, Manhattan; Margaret Naida More, Glen Elder; Clifton Walter Pangburn, Luray; Willard Alden Parker, Clearwater; Gardner Charles Sellers, Downs; Roberta LaVone Shannon, Geneseo; Edward Temple Sheldon, Topeka; Richard Ray Simmons, Ashland; Theodore Sommers, Leoti; Irma Lyle Stanbery, Jewell; Carolyn Mary Stark, Topeka; Gwendolyn Louise Starkey, Hutchinson; Elsie Mildred Stevens, Manhattan; Hilmar Clinton Stuart, Nickerson; Helen Louise Vickburg, Talmage; Harold Wierenga, Cawker City; Velma Ruth Wilkerson, Smith Center.

Bachelor of science in industrial chemistry—Merle Alfred Dodge, Manhattan; Henry Lee Huston, Fort Scott; Howard Maxwell Kincaid, Wichita; Charles Cornelius Murphy, Clyde; James Byron Nash, Wichita; Clayton Omar Obenland, Manhattan; Donald Baker Parrish, Fort Scott; *Arthur Duckworth Tindall, Manhattan.

Bachelor of science in industrial journalism—Francis Daniel Baker, Manhattan; Charlotte Lela Buchmann, Clay Center; Max Lewis Burk, Manhattan; Marjorie Willis Call, Manhattan; Nelda Marion Carson, Morganville; Richard George Fowler, Holton; Mary Jane Kahl, Topeka; Eleanor Lee Kubin, McPherson; Thelma Nichols, Manhattan; Marianne Ozment, Manhattan; Paul Francis Ragland, Manhattan; Marjorie Jean Shellenberger, Hutchinson; Ruth Thomas, Baxter Springs; Winifred Wolf, Ottawa; Rachel Faye Worrel, Manhattan.

Bachelor of science in music education—Bernice Eileen Covey, Miltonvale; Julia Ellen Crow, Manhattan; William David Fitch, Manhattan; Margaret Anna Hendrickson, Almena; Margaret Belle Ratts Hendrickson, Atlanta; Lucille Evangeline Herndon, Amy; Margaret Gloria Higdon, South Haven; Shirley Maxine Jacobs, Lenora; Elizabeth Anne Shackelford, Cameron, Mo.; Kenneth Boyd Thompson, Wichita.

Bachelor of science in physical education—Verna Lucille Anderson, Topeka; Richard Elliott Armstrong, Riley; Joseph Franklin Creed, Manhattan; Inez Vera King, Junction City; Joe Kenneth McNay, Manhattan; Clinton Gerald Roehman, White City; Mary Lois Lynders, Wichita; Arlene Frances Smith, Topeka; Lois Deming Stingley, Manhattan; George William Watson, Clifton.

DIVISION OF GRADUATE STUDY

Master of science—Sadegh Madjidi Ahi, B. A., State Agricultural College of Colorado, 1933, Teheran, Persia; Burton Lowell Baker, A. B., Kalamazoo college, 1933, Wheeler, Mich.; *August Irvin Balzer, B. S., Kansas State College of Agriculture and Applied Science, 1926, Iman; *Donald Houts Bowman, B. S., Kansas State College of Agriculture and Applied Science, 1933, Manhattan; *James Burgess Fitch, B. S., Purdue university, 1910, Manhattan; Clarence Fay Gladfelter, B. S., Kansas State College of Agriculture and Applied Science, 1926, Emporia; Phil Craeger Haggman, B. S., Kansas State College of Agriculture and Applied Science, 1934, Scandia; Frederick William Hill, B. S., Kansas State College of Agriculture and Applied Science, 1934, Manhattan; James William Hunter, B. S., Kansas State College of Agriculture and Applied Science, 1933, Manhattan;

RECENT HAPPENINGS ON THE HILL

Elma Edwards, Athol, was elected president of the Good Fellowship Society of the Good Fellowship church recently. Sam Long, Abilene, is the new vice-president.

Scarab, men's political organization, elected these officers at a meeting last week: James Ketchersid, Hope, president; Leonard Zerull, Ellis, vice-president; Keith Lassen, Manhattan, secretary; Max Wann, Hays, treasurer; A. A. Boeka, Colby, sentinel; and Paul Montgomery, Topeka, scout. Membership of the organization includes two men from each fraternity.

Kansas State engineers recently elected D. E. Garr, electrical engineer, and W. D. Mitchell, mechanical engineer, president and vice-president, respectively, of the engineering seminar for the fall semester. D. K. Flint, mechanical engineer, was elected treasurer, and C. R. Crawford, architectural engineer, secretary.

BIRTHS

Louis P. Reitz, '30, and Elva (Griffith) Reitz of Bozeman, Mont., are the parents of a daughter, Arlyo Jane, born May 6.

Leland Sloan, '32, and Dorine (Porter) Sloan, '31, of Huron, S. D., are the parents of a daughter, Rebecca Lee, born April 18.

Loren N. Allison, '31, and Ida (Snyder) Allison, '29, announce the birth of a daughter, Carolyn Naomi, March 23. Mr. and Mrs. Allison live at 206 North Third street, Plattsmouth, Nebr.

MARRIAGES

EDLIN—DAVIES

The marriage of Mildred Rae Edlin, '32, and Robert Alford Davies took place May 10 in San Francisco, Calif. They will live in San Francisco where Mr. Davies is employed by the New York Life Insurance company.

HILL—VINCENT

Willetta Hill, '29, and Dr. Felix M. Vincent were married March 9 at Bedford, Iowa. Mrs. Vincent has been a commercial instructor in the Clay County community high school. Doctor Vincent is a chiropractor in Clay Center.

ROPER—FARRELL

The marriage of Jean Roper, f. s. '35, and Eugene P. Farrell, '35, took place May 10 in Ogden, Utah. Mrs. Farrell was employed in the agricultural economics office at the college until recently. Mr. Farrell is employed as an engineer for the Sperry Mills company in Ogden. Their address is 875 Twenty-fourth street.

*John Gleason Kennard, B. S., Utah State Agricultural college, 1925, Manhattan; Herbert Henry Kirby, B. S., Kansas State College of Agriculture and Applied Science, 1933, Toronto; Alvin Ernest Lowe, B. S., Kansas State College of Agriculture and Applied Science, 1933, Argonia; Alice Butler Marsh, B. S., Oregon State Agricultural college, 1933, Manhattan; Martha Luella O'Neill, B. S., Kansas State College of Agriculture and Applied Science, 1930, Winchester; Ivan Pratt, A. B., College of Emporia, 1932, Hope; Mohammed Hassan Radi, B. S., North Carolina State College of Agriculture and Engineering, 1933, Cairo, Egypt; John Bissell Roberts, B. S., Kansas State College of Agriculture and Applied Science, 1933, Manhattan; Margaret Jeanne Tabor, A. B., Kalamazoo college, 1933, Manhattan; Leland Stanford Van Scoyoc, B. S., Kansas State College of Agriculture and Applied Science, 1926, Manhattan; Jessie Helene Winder, B. S., Kansas State College of Agriculture and Applied Science, 1925, Waldo; Burl Zimmerman, B. S., Kansas State College of Agriculture and Applied Science, 1934, Manhattan.

PROFESSIONAL ENGINEERING DEGREES

Civil engineer—Clarence Edmund Harness, B. S., 1931, Kansas State College of Agriculture and Applied Science, Cimarron.

Flour mill engineer—Royce Owen Pence, B. S., 1924, Kansas State College of Agriculture and Applied Science, Manhattan.

HONORARY DEGREES

Doctor of science—James Tertius Jardine, B. S., 1905, Utah Agricultural college, United States Department of Agriculture, Washington D. C.

Doctor of engineering—George Washington Wildin, B. S., 1892, Kansas State college, Pittsburgh, Pa.; Ernest Harrison Freeman, B. S., 1895, Kansas State college; B. S., 1902, E. E., 1906, Armour Institute of Technology, Chicago, Ill. *In absentia.

MEMBERS OF 1895 CLASS CELEBRATE ANNIVERSARY

LUNCHEON, BANQUET, RECEPTION,
AND GARDEN PARTY FOR GROUP

Twenty-six of the 46 Living Members of the Group of 57 Return to Campus for Alumni Day and Commencement Activities

Members of the class of 1895 celebrated their fortieth anniversary with an outstanding class reunion commencement week. Of the 57 members of the class of '95, 46 are living and of these 26, or 56 per cent, returned to the campus for Alumni day festivities and commencement.

Saturday was a busy day for the '95 group. Recreation center was morning headquarters for greeting new arrivals, bringing the kodak book up to date and attempting to identify faces of members of the class in the picture taken 40 years ago. At 12 o'clock the '95ers, their in-laws and invited friends had luncheon in a private dining room in Thompson hall. This was an enjoyable event with plenty of banter, confessions, and reading of messages from absent classmates and former instructors. There were no toasts. A new class photograph was taken following the luncheon. All members of the group attended the alumni association meeting and the banquet.

LOCAL MEMBERS ENTERTAIN

Another opportunity for reminiscences came Sunday afternoon at a garden party at the home of Ada Rice following the supper, at which the Manhattan members of the class were hosts, members of the class attended the baccalaureate service in Memorial stadium.

The reception given by President and Mrs. F. D. Farrell Monday afternoon gave the '95ers an opportunity to meet many friends from other classes. Those who remained for commencement Monday night were honored by a place on the auditorium stage. They were introduced to the audience. Prof. E. H. Freeman, '95, was awarded the degree of doctor of engineering in recognition of his contributions to education in that field.

LARGEST CLASS UP TO TIME

The class of 1895 was the largest graduated up to that time and published the first biographical class book. Of the class book committee of seven members, all are alive and six attended the reunion. Eighteen members of the class have advanced degrees and 10 have been employed by the college. As sophomores the boys of the class adopted and wore distinctive class caps; as seniors they defeated a football team selected from the remainder of the college. Seven all-class weddings occurred in the group.

MATHEMATICS SOCIETY JOINS NATIONAL GROUP

Pi Mu Epsilon Chapter Installed on Kansas State Campus

A new honorary fraternity made its appearance on the Kansas State campus Friday, May 24, when a chapter of Pi Mu Epsilon was installed here. Seventeen students, the 10 members of the mathematics faculty, and Dean R. W. Babcock make up the membership of this mathematics organization.

Dr. U. G. Mitchell of the University of Kansas was in charge of the induction ceremonies for this, the thirty-third chapter in the country. Prof. W. T. Stratton was elected the director; Marjorie Lomas, Princeton, vice-director; Alma Furman, Clearwater, secretary; T. C. Wherry, Sabetha, treasurer; James York, Vinland, librarian.

Those on committees were Loren Grubb, Phillipsburg; Betsy Sesler, Wamego; Sigrid Sjogren, Concordia; Hobart Mariner, Fredonia; Prof. C. F. Lewis, Prof. Emma Hyde.

Shelterbelt Work To Students

The government plains shelterbelt project offers summer employment to a limited number of Kansas State college students. To be eligible the student must have at least two years of college work in prerequisites to a degree in forestry, botany, range management, agronomy and soils, or engineering. Two types of work are offered, one includes the planting of trees, nursery work, and tree seeding, and the other surveying, estimating, and mapping.

Meet Here to Celebrate Their Fortieth Commencement Anniversary



Members of the class of 1895 who returned to the campus commencement week for a busy round of reunion activities. Front row (left to right) Robert J. Barnett, Manhattan; Myron A. Limbocker, Emporia; *Mrs. M. A. Limbocker, Emporia; Ruth Ellis, Topeka; *Mrs. Frank A. Dawley, Manhattan; William H. Phipps, Kansas City, Mo.; Ada Rice, Manhattan. Second row (left to right) George A. Dean, Manhattan; Kitty Myrtle (Smith) Wheeler, Denver, Colo.; Hortense (Harmon) Patten, Sycamore, Ill.; Dora (Thompson) Winter, Columbia, Mo.; J. T. Willard, Manhattan; Fred J. Smith, Russell. Third row (left to right) William H. Steuart, Winchester; Flora (Day) Barnett, Manhattan; Olive (Wilson) Holsinger, Ames, Iowa; Victor Emrick, Omaha, Neb.; May (Willard) Emrick, Omaha, Neb.; Marietta (Smith) Reed, Holton; William I. Joss, Wheeler, Tex. Fourth row (left to right) Cora (Stump) Chaffee, Lasita; *Mrs. George Forsythe, Franklin, Ind.; *Mrs. Burton Conrad, Sabetha; Theo. W. Morse, Topeka; Laura (McKean) Smith, Russell; *Mrs. E. H. Freeman, Chicago, Ill.; *Mrs. W. I. Joss, Wheeler, Tex. Back row (left to right) Lucy Ellis, Topeka; *Mrs. G. A. Dean, Manhattan; Burton W. Conrad, Sabetha; George Forsythe, Franklin, Ind.; Frank A. Dawley, Manhattan; Clarence V. Holsinger, Ames, Iowa; John V. Patten, Sycamore, Ill.; Ernest H. Freeman, Chicago, Ill.

* Not members of the class of 1895.

MILITARY MARKS AWARDED TO 100 IN RESERVE CORPS

Colonel Sullivan Presents Advanced Students for Ranking As Second Lieutenants

Among degrees, certificates, and honors announced during the seventy-second annual spring commencement of Kansas State college Monday night were commissions for the rank of second lieutenant in the Reserve Officers' Training corps for 100 students of advanced military training. The students presented for such recognition by Colonel John S. Sullivan, commandant of the college R. O. T. C. were:

Those awarded commissions as second lieutenants, officers' reserve corps—

Lyman Emmett Abbott, Gretna; Orval Jack Abel, Green; Richard Elliott Armstrong, Riley; Stephen Grieve Asbill, Manhattan; George Ralph Brindle, Fredonia; Edward Lewis Broghamer, Wilkes Barre, Pa.; John Bruce Burrows, Chetopa; Wilbur Eugene Combs, Manhattan; Roy Doubt Crist, Brewster. Arthur Henry Daman, Manhattan; Evan Lloyd Davis, Topeka; Vaughn Eugene DeGeer, Jr., Lake City; Lawrence Charles Donat, Manhattan; Oscar Frederick Fischer, Jr., Junction City; John Leo Flentie, Centralia; Archie French, Augusta; Dwight Ivan Gillidett, Plains; Ronald George Grebner, Manhattan; Robert Leroy Heinsohn, Newton; Leonard Wilbur Hibbs, Manhattan.

Roland Theodore Hinkle, Carbonale; Arthur Jacob Hochuli, Holton; Victor Hopeman, Independence; Howard Busby Hudiburg, Independence; George Loomis Jobling, Caldwell; Donald Clifford Kelley, Great Bend; George Miller Kerr, Manhattan; Henry Adam Killan, Chapman; Leslie Waterman King, Wichita; Henry Charles Kirk, Scott City; William Charles Kosinar, Manhattan; Clark Fritz Kostner, Murdock. Otto Walter Ludloff, Honolulu, T. H.; Arthur Neil McCormick, Wichita; Glenn Melvin McFadden, Natoma; James Lawrence McIntire, Burlingame; Henry Tillman McNary, Jr., Manhattan; Joe Kenneth McNay, Manhattan; Don Lee Mace, Manhattan; James Daniel Mayden, Junction City; William Henry Meissinger, Abilene; Edwin Louis Millerbruck, Herkimer; Roy Forest Miller, Manhattan; Alvin Jess Mistler, Leavenworth.

Charles Cornelius Murphy, Clyde; Marion Burns Noland, Manhattan; Clinton Walter Pangburn, Luray; Frank George Parsons, Manhattan; Melvin George Peterson, Manhattan; Leonce Louis Picot, III, Manhattan; Floyd Volney Pinnick, Ulysses; Leland John Propp, Marion; William Henry Rockey, Jr., Manhattan; Clinton Gerald Roehman, White City; Melvin Palmer Rogers, Glasco; Hugh William Roth, Ness City; Earl Leo Ruff, Manhattan.

Clarence Peter Schmidt, Manhattan; Frederic Raymond Senti, Cawker City; Ward Haynes Shurtz, Manhattan; Harry Grant Sittler, Lake City; Robert Drake Spencer, Leavenworth; Lawrence Eric Spong, Enterprise; Charles Dougherty Stafford, Manhattan; Oren Paul Stoner, Sabetha; Dean Edwin Swift, Olathe; Charlie Bailey Team, Wichita; Albert Adam Thornbrough, Lakin; Wallace William Thurston, Elmdale.

William Martin Turner, St. Marys; John David Umberger, Manhattan; Clarence Campbell Vierling, Manhattan; Robert Elston Wallerstedt, Manhattan; William Theodore Walters, Manhattan; Melvin Orville Ward, Egbert, Wyo.; James Howard Watson, Shawnee; Lillis Raphael Wempe, Seneca; Winston Douglas Wetlaufer, Manhattan; Millard Waldo Wilcox, Wichita; Luke Avery Wilper, Harris.

Edwin Strauel Wiseman, Delphos; Wilbur Harold Wiswell, Manhattan; Dorwin Clair Wright, Bronson; Claude

ARLENE SMITH CHOSEN OUTSTANDING K SENIOR

Sara Antrim New W. A. A. President—Three Given Sweaters, Five Awarded Chevrons, Two Swim Caps

Arlene Smith, Topeka, was the senior woman of K standing who was adjudged the best for leadership, scholarship, and womanliness and as such was given a blanket at the Women's Athletic association banquet in Thompson hall recently. Ona Lee Burson, Manhattan, was given the statuette of a diving girl, award for having made the greatest progress in aquatic sports. Sweaters went to Elizabeth Kelly, Hutchinson; Opal Schlickau, Haven; and Laura Jo Skilkin, Frankfort.

Chevrons went to Inez King, Junction City; Wilma Ray Womer, Topeka; Ona Lee Burson, Manhattan; Kathryn Black, Council Grove; Mary Lois Rynders, Wichita. The latter also received a star for her sweater. Blue cap award for Frog club work went to Wilma Ray Womer; red cap award, to Elizabeth Kelly.

Sara Jane Antrim, Topeka, who is the W. A. A. president for next year, was toastmistress at the dinner. Helen Hostetter, of the journalism faculty, spoke on hobbies.

LA VERNE NOYES AWARDS TOTALING \$1,000 AVAILABLE

For Students Who Are War Veterans or Descendants of Veterans

La Verne Noyes scholarships totaling \$1,000 are available to eligible students of Kansas State college who are World war veterans or blood descendants of such veterans for the school year 1935-36.

Announcement that \$1,000 had been allotted to students of this institution for the next school year was made by Dean R. A. Seaton, chairman of the Kansas State College La Verne Noyes Scholarship committee, following word received by him from the estate of La Verne Noyes, Chicago. Similar scholarships have been awarded the past several years.

"This fund will be especially helpful to students when so many of them are having difficulty in financing college work on account of the drouth and general economic conditions," Dean Seaton declared in expressing his appreciation.

NIXON ELECTED CAPTAIN OF 1935-1936 TRACK TEAM

Outstanding Quarter Miler, Prominent in Many Student Activities, Succeeds Joe Knappenberger

Bruce Nixon, Paradise, Kan., was elected captain of the 1935-36 Kansas State college track team Thursday by members of the squad who were point winners during the season just closed in which the team won the two-mile championship, the indoor title, and placed second in the Big Six outdoor meet. Nixon succeeds Joe Knappenberger, Penasola, who was easily the class of the Big Six hurdlers during the past season.

Nixon, a junior and president of the student council for next year, holds the varsity record of 49.2 seconds in his specialty, the 440-yard dash. He established the record in the Kansas-Nebraska-Kansas State triangular meet here recently. Nixon was second at the Big Six indoor meet and third in the outdoor carnival at Lincoln last week. He also was third on the indoor boards at the Armour Tech relays in Chicago.

The new Wildcat captain also was a member of the two-mile relay team coached by Ward Haylett which established the two best times in the United States this season. The Kansas State quartet ran the event in 7:45.7 at the Kansas relays and 7:46.8 at the Drake relays.

Track is only one of many activities for Nixon. In addition to heading the student council for next year he is president of Alpha Tau Omega social fraternity, vice-president of Blue Key, national honorary for senior men, and is a member of Scabbard and Blade, honorary military organization. He is majoring in commerce.

Reunion Photographs Available

Photographs of the '95, '00, '10, '15, '20, '25, and '30 class reunion groups and the Thackrey family may be purchased from the Alumni office at 50 cents each.

Golfers Defeat Baker

Kansas State's mashie wielders defeated Baker university's golf team 11 to 5 at the Manhattan country club last week in the final dual meet of the season. In the singles competition Baker scored only three points to nine for the Wildcats. Each team took one match in the team play, limited to nine holes because of rain.

Talks to Vets

Colonel Kent Nelson, surgeon in the medical corps of the United States army in the seventh corps area, addressed an assembly of junior and senior students in veterinary medicine recently to interest students in the veterinary reserve of the United States army.

LIVESTOCK MEN HERE TO STUDY FEEDING RESULTS

J. C. SWIFT AND STAFF MEN ADDRESS ANNUAL FEEDERS' MEETING

Tankage as a Protein Supplement for Cattle Gets Much Attention—Prices, Pastures, Corn, and Sorghums Also Discussed

Nearly 1,000 Kansas livestock men were on the campus Friday attending the twenty-third annual cattle feeders' meeting. W. H. Burke, Little River, Kan., president of the Kansas Livestock association, presided at the morning program which included an address of welcome by President F. D. Farrell.

J. C. Swift, president of the American Royal Livestock show, of Kansas City, addressed the visitors in a friendly, philosophical talk bearing upon the human values of farmers and farming. He eulogized farmers, livestock men, Kansas, and especially farm women. Many a farmer, he said, who boasts of his success owes that success to a good wife. The same is true in other vocations, he added.

Other speakers on the program included Dr. W. E. Grimes on the livestock price outlook, Prof. A. E. Aldous on the pasture situation, important lessons emphasized by the drouth by Dr. C. W. McCampbell, adaptability of different varieties of corn and sorghums to various sections of Kansas by Prof. R. I. Throckmorton, a report on cattle feeding tests by A. D. Weber, all of the college staff.

FARRELL URGES LONG TIME VIEW

In welcoming the cattlemen, President Farrell said a long time view of agricultural conditions is advisable and that we have been guilty of not looking far enough into the future. Another habit we should acquire, he declared, is that of preparing in times of plenty for times of scarcity. This view agreed with that expressed by Doctor McCampbell on storing feed in plentiful years for years of low production.

Although extreme shortage of roughage in 1934 prohibited the feeding of range-fed steers by the Kansas agricultural experiment station, a series of experiments was conducted during the past winter which shed light on several significant problems. They were explained at the feeders' meeting by Prof. A. D. Weber who is in charge of cattle feeding investigations.

One was the use of tankage as a protein supplement for cattle. Since tankage is an animal product and cattle normally are not meat eating animals, many thought it impossible or impractical to attempt to feed tankage to cattle. However, the practice seemed desirable because tankage was cheaper as a source of protein than well known supplements of plant origin, such as linseed meal and cottonseed meal.

FOUR POUNDS FOR EACH ANIMAL

Tankage used was a wet-rendered product of 60 per cent protein. The test ran 77 days. Because the cattle did not relish the tankage at first, a mixture of tankage and cottonseed meal was fed for 11 days. After that no cottonseed was fed and the tankage was increased to four pounds per head daily by the forty-first day.

That apparently was the maximum the steers would clean up, Weber said. They consumed four pounds per head daily during the last 37 days and averaged 2.84 pounds for the entire 77 days.

"No steer was off feed at any time," Weber explained. "The steers were normal in every way and made an average daily gain per steer of 1.08 pounds. One was slaughtered after the test and careful examination revealed no undigested tankage in the alimentary canal. Vital organs were normal and there was no indication that tankage had produced a deleterious effect on the carcass." Wheat straw and molasses were fed with the tankage.

Another test showed that immature drouth stricken corn has a high feeding value when properly handled. A third test with molasses indicated that molasses should be purchased for its heat-, energy-, and fat-producing qualities rather than for its appetizing effect, Weber concluded. Molasses is worth fully 85 per cent as much per pound as corn for fattening.

THE KANSAS INDUSTRIALIST

Volume 61

Kansas State College of Agriculture and Applied Science, Manhattan, Wednesday, August 7, 1935

Number 33

HARGER URGES GRADS TO ASSUME OBLIGATIONS

CHAIRMAN OF BOARD OF REGENTS IS COMMENCEMENT SPEAKER

Good Citizenship, Duty to Community and to Alma Mater Are Due in Return for State's Investment, Those Who Receive Degrees Are Told

Several definite obligations rest upon the graduates of the state schools of Kansas, Charles M. Harger of Abilene, chairman of the state board of regents, declared in addressing the 111 members of the summer school graduating class of Kansas State college Friday night, July 26, in Memorial stadium.

Among the obligations he included that of good citizenship and the duty of building up a sound, sane sentiment in government; the duty a college graduate owes to his community, and the obligation of the graduate to his alma mater.

Mr. Harger's address follows:

"The state has a definite investment in this class and in every student of its state schools. Particularly this is figured out in dollars and cents—17 million dollars invested in campuses, buildings and equipment, an expenditure of approximately \$300 a year for each of its 10,000 students in colleges—three million dollars. But that is not the basis of its interest. Parents do not figure the cost of raising a child. They give it freely all the advantages possible, in faith, affection and hope. So it is with the state. Only the narrow view looks at the monetary cost. The state has a broader vision.

"The state does not regiment its students—so many doctors, so many teachers, so many agriculturalists, so many lawyers. It places the opportunity before all the youths of Kansas, furnishes the buildings, the faculties, the laboratories and extends a welcome. At graduation it exacts no pledges—it speeds the graduates on their way and is proud of any position of honor they may attain.

"The structure of the state is neither intricate nor mysterious, though youth may so consider it. It is made up of individuals exactly like your own home neighborhood. If we could visualize a state without schools, without churches, without chambers of commerce, without women's clubs, we would picture an era in which the demagogue and dishonest politician could rule at pleasure. With the rising of the level of intelligence, of morality, of courage, the standard of the state becomes steadily higher. An educated constituency is the surest asset of good government and that is why the state colleges assist in lifting the standard of intelligence as an essential to sound administration, sane and helpful laws and a well ordered commonwealth.

"While there are no promises attached to the state's bounty, implied or otherwise, and opportunity is freely offered, nevertheless some obligation rests upon the graduates of our state schools.

"First is the obligation of citizenship. In the past decade some 20,000 students have been graduated from our state schools, other thousands preceded them. They are looked upon as possessing the elements of leadership. They have a duty to perform in building up a sound, sane sentiment in government. Just now is much discussion over the constitution. I have no fear of any successful attack on the constitution with millions of college men and women in this country alive to its worth as a basis of government.

"No one can read—as I hope you have—without an inspiration to national loyalty the story of the months of study by men like Washington, Madison, Hamilton, and their conferees representing the new colonies, striving to set up a government that would be for all the people, preserve their rights and give them every privilege under liberty. The

Declaration of Independence was an emotional appeal. The constitution is the rock on which our nation is built—the best basic law that the world has ever framed.

"Efforts to undermine faith in this country with communistic, socialistic and kindred teachings have afflicted this generation more than any previous one. Newspapers, meetings, camps are devoted to the cause. Advocates of doctrines intended to overthrow or modify our system of government are vocal—though comparatively the number of agitators is few. But there has been a militant reaction and America is rising to the defense of its organic law. Today is an aroused feeling that meets these attacks with an overwhelming public sentiment of patriotism. There can be no compromise on this issue—it is for or against America. Right thinking citizens of our country will stand firm with determination in their hearts, vigor in their souls and strength in their arms to uphold true Americanism and its established principles.

"No member of a school faculty has a right to instill into students' minds doctrines subversive to our form of government. He may instruct of other forms but he may not advocate them. Academic freedom is not academic license. Nor has the student within the student body a right to further a cause foreign to our institutions. He has an obligation of loyalty to his state and nation. This holds good after graduation as well as before.

"One reason for the sanity and the firm grasp on fundamental law in Kansas has been the presence of the thousands of alumni who remember their patriotic training and have held fast to that which is good. This is our country, our heritage. Its institutions have been built up by our own people—it is our duty to preserve them. Certainly, if we do not no other people will. And as certainly we will not surrender them to any pink or red agitators whatsoever.

"Sacrifice and struggle have made possible the state colleges—on the part of the state and of yourselves and your families. But none is so heedless of the benefits of the commonwealth and to the family as to begrudge any part of the bounty. No dollar spent by the state pays such large returns as that put into higher education. It is the one expense from which we receive dividends. The graduate should be certain that these dividends are commensurate with his advantages, that they are expressed in striving to better the social and civic life of the community.

(Concluded on page 4)

PHI KAPPA PHI ELECTS FOUR SUMMER SCHOOL STUDENTS

General Science Places Two, Agriculture and Home Economics One Each

Four Kansas State college students were selected for membership in Phi Kappa Phi, national honorary scholarship organization, during the summer session.

Robert Emmett Phillips, Jr., of Manhattan was chosen from the division of agriculture; Donald Wesley Miller, Cambridge, Nebr., and Edward Thomas Haslam, Council Grove, from the division of general science; and Margaret Jean Turner, Hartford, from the division of home economics.

Active membership of Phi Kappa Phi includes members of the senior class ranking in the upper 10 per cent in scholarship.

Never Late in 25 Years

Dr. E. C. Miller, who this summer completed 25 years as a plant physiologist at the college, says he has had more than 8,000 students in his classes during the 25 years. His assignment to lecture work gives him larger classes than those of the average instructor. Doctor Miller also rivals perfect attendance records. In 25 years he has never been tardy to class nor has he held a class over-time.

PRESIDENT ANNOUNCES FACULTY, STAFF CHANGES

PROMOTIONS, LEAVES, NEW APPOINTMENTS INCLUDED

Resignations Include That of F. L. Duley; Howe Succeeds R. M. Green; R. J. Clark to New Position in Milling Industry

Faculty and staff changes for the coming school year at Kansas State college have been announced by President F. D. Farrell after being approved by the state board of regents. They include new appointments, resignations, leaves of absence, and promotions, to become effective either at once or on September 1. More than 30 promotions, seven resignations, five new appointments, and eight leaves of absence are included.

Among the resignations effective with the new budget year, beginning July 1, is that of Dr. F. L. Duley, soils authority, who for the last year and a half has been on leave of absence while directing the Kansas soil erosion service at Mankato. Prof. Harold Howe is promoted in the department of agricultural economics to succeed R. M. Green who resigned to accept a federal credit job in Washington.

MANY PROMOTIONS

Among the promotions in rank were the following:

From associate professor to professor—R. C. Hill, economics and sociology; F. L. Parrish, history and government; Dorothy Barfoot, art; Alpha Latzke, clothing and textiles.

From assistant professor to associate professor—Dr. A. A. Holtz, economics and sociology; W. H. Metzger, agronomy; R. F. Cox, animal husbandry; D. L. Mackintosh, animal husbandry; O. D. Hunt, electrical engineering; L. M. Jorgenson, electrical engineering; Lyle Downey, music; Elizabeth Quinlan, clothing and textiles.

From instructor to assistant professor—W. E. Connell, animal husbandry; R. O. Pence, milling industry; J. E. Anderson, milling industry; J. T. Ware, architecture; E. L. Sitz, electrical engineering; L. C. Paslay, electrical engineering; Margaret Newcomb, botany; Nellie Aberle, English; Katherine Geyer, physical education; Ruth Tucker, food economics and nutrition; Gladys Vail, food economics and nutrition.

From assistant to instructor—Marie Darst, art; Helen Fisher, child welfare and eugenics.

Dr. E. R. Frank, veterinary medicine and surgery, was promoted from the rank of assistant professor to that of professor.

NEW POSITIONS NECESSARY

Because of an increase in enrollment of more than 500 in the year preceding May 27, 1935, several new positions were made necessary, Doctor Farrell said. Among them were four positions in the division of veterinary medicine. They will be instructorships in surgery and medicine, pathology, and anatomy and physiology, and a professorship in anatomy and physiology. These positions will be filled before the fall term opens.

A new associate professorship in milling industry has been filled with the appointment of Rowland J. Clark whose principal work will be testing wheats and flours.

A new instructorship in institutional economics has been filled by employment of Miss Sina Fae Fowler.

Miss Barbara Lautz, who was graduated from Kansas State college in 1934, has been employed as an assistant in the office of Dean Margaret Justin of the division of home economics effective September 1.

OTHERS TO BE EMPLOYED

The vacancy created by the resignation of F. L. Timmons, assistant professor of cooperative experiments in the department of agronomy, has been filled by the appointment of F. G. Parsons to succeed him.

New positions approved by the

board included an assistantship in the southwestern Kansas experimental fields, effective February 1, 1936; an associate professorship in forestry; an instructorship in machine design; three graduate research assistantships in engineering; an assistantship in the library. These positions will be filled prior to the opening of the fall term.

An extension of sabbatical leave is granted Assistant Professor George Montgomery, agricultural economics, until August 31, 1935. He has been studying at Harvard but is at Chicago university for the summer. Other leaves of absence approved:

T. R. Reitz, assistant professor of horticulture, in charge of northeastern Kansas experiment fields, until December 31, 1935. Erwin Abmeyer is temporary substitute for Mr. Reitz.

H. W. Aiman, assistant professor in shop practice, from September 1, 1935, to June 30, 1936.

C. E. Rogers, professor of journalism, until August 31, 1935.

J. H. Shenk, instructor in chemistry, for academic year 1935-36, M. J. Caldwell to continue as temporary substitute.

A. J. Schoth, assistant professor of junior extension, to August 31, 1935.

Miss Conie Foote, assistant professor in foods, extension service, indefinite leave, effective July 1, 1935, Miss Glyde E. Anderson to continue as temporary substitute.

ONE EXCHANGE PROFESSORSHIP

An exchange of professorships has been arranged with the University of (Concluded on page 4)

SUCCESSFUL COOPERATIVE MEAL PLAN IS CONTINUED

Student May Buy 68 Meals for \$9 and 12 Hours Work—Only 200 Applicants Will Be Accepted

Success of the co-operative meal plan, in operation at the college cafeteria the past year, has been so outstanding that approval has been given for its continuance during the coming year, Mrs. Bessie Brooks West of the department of institutional economics, has announced.

Briefly, the plan makes it possible for students to buy a ticket for 68 good well-balanced meals for \$9 (cash in advance) and an average of 12 hours of work each month in the cafeteria. Seventeen meals are served each week, none being served Saturday night or on Sunday.

Working hours are adjusted to fit the class schedule of each student. At least 50 students must adopt the plan before September 10 if it is to be operated. Not more than 200 will be accepted.

Meals are planned by the department of institutional economics and prepared by the regular cafeteria cooks. Students have found the meals satisfactory as to quantity, quality, and variety.

Persons wishing to participate in the plan should write Mrs. B. B. West, department of institutional economics, Kansas State college.

PHI DELTA KAPPA ELECTS FIFTEEN DURING SUMMER

Professional Fraternity Is Headed by Prof. George Gemmell

Fifteen persons were initiated into Phi Delta Kappa, professional fraternity in the field of education, at a meeting on the campus during the summer session. Prof. George Gemmell is president, and M. C. Moggie is secretary of the organization.

Those initiated were: Merle W. Allen, Manhattan, instructor at Fort Scott; Phillip Becker, Jr., Peoria, Ill.; L. R. Berner, principal of the high school at Agenda; Max Bickford, Phillipsburg, teacher at Enterprise; Harold J. Froning, Salina; L. C. Howard, Belfry, Mont.; Charles Lockhart, Junction City, Selden; Fred A. Peery, Manhattan; Ralph Rogers, Madison; Marlin C. Schrader, Olivet, teacher at Junction City; William G. Schrenk, Leonardville; E. T. Sheldon, Topeka; Elvon G. Skeen, Hollenberg; Leland S. Van Scoyoc, Manhattan.

DEGREES CONFERRED ON 111 AT COMMENCEMENT

B. S. AND D. V. M. WRITS TO 85, MASTER OF SCIENCE TO 26

Senior Honors to Seven at Eleventh Annual Summer School Graduation Ceremony; Harger the Speaker, Farrell Presents Degrees

One hundred eleven degrees, four honors, and three high honors were awarded at the eleventh annual commencement of the summer school Friday night, July 26, in Memorial stadium. Bachelor of science or doctor of veterinary medicine degrees were awarded to 85 individuals and master of science degrees went to 26.

Those who received bachelor of science degrees included ten from the division of agriculture, three from the division of veterinary medicine who received the degree of doctor of veterinary medicine, 16 from the division of engineering, 18 from the division of home economics, and 38 from the division of general science.

The number of degrees conferred added to those awarded at the annual spring commencement brought to 470 the total number of bachelor's degrees awarded in 1935. The 26 master's degrees brought the total of those awarded in 1935 to 47.

In each division of the college high honors are awarded at commencement to not more than three per cent of the senior class having the highest standing in scholarship during their junior and senior years. Honors also are awarded to not more than an additional seven per cent of the senior class. The honors and high honors awarded at summer school commencement:

High honors—Howard Walter Phelps, Jr., Manhattan, division of engineering; Buell Wesley Beadle, Talmage, division of general science; and Margaret Jean Turner, Hartford, division of home economics.

Honors—Robert Emmett Phillips, Jr., Manhattan, division of agriculture; Herman Wilson Zabel, Westmoreland, division of engineering; Oral Leland Roberts, Manhattan, and Edward Thomas Haslam, Council Grove, both of the division of general science.

The commencement program was on a stage facing the west wing of Memorial stadium where a loud speaker system carried the address of Charles M. Harger of Abilene, chairman of the state board of regents, to the approximately 1,800 persons who attended. Degrees were conferred by President F. D. Farrell of the college.

The program included the processional by the college orchestra, invocation by Dr. A. A. Holtz, pastor of the First Baptist church of Manhattan, and music by the college orchestra and the college quartet.

Names and addresses of those who received degrees, by divisions:

DIVISION OF AGRICULTURE

Bachelor of science in agriculture—Samuel Edward Alsop, Wakefield; Ervin William Bevin, Manhattan; Earl Clarence Borgelt, Zenda; Sidney Lorenz Franz, Soldier; Harry White Grass, Ill.; LaCrosse; Oliver Willard Kershaw, Garrison; James Randle Ketchersid, Manhattan; Robert Emmett Phillips, Jr., Manhattan; Harold Parker Walker, Bucklin.

Bachelor of science in milling industry—Max Elton McCluggage, Manhattan.

DIVISION OF VETERINARY MEDICINE

Doctor of veterinary medicine—John Englen, Bertus Mouw, Manhattan; Charles Frank Prehal, Manhattan; Alfred Everett White, Jr., Manhattan.

DIVISION OF ENGINEERING

Bachelor of science in architecture—Ralph Emen Mitchell, Manhattan.

Bachelor of science in architectural engineering—Arthur Randolph James, Manhattan.

Bachelor of science in chemical engineering—Howard Busby Hudiburg, Independence; Herman Wilson Zabel, Westmoreland.

Bachelor of science in civil engineering—Donald Curtis, Kansas City; John Henry Denham, Pittsburg; Ben Alfred Sellers, Lyons; John David Umberger, Manhattan; Lewis Alfred Wilson, Valley Center.

Bachelor of science in electrical engineering—Leonard Maurice Aubuchon, Emporia; Stephen Delladio, Frontenac; David Clarence Hanson, Pittsburg; Hugo Frederick Lucas, Manhattan; (Concluded on page 4)

The KANSAS INDUSTRIALIST

Established April 24, 1875

F. D. FARRELL, President..... Editor-in-Chief
F. E. CHARLES, Managing Editor
R. I. THACKER, H. P. HOSTETTER,
RALPH LASHBROOK..... Assoc. Editors
KENNETH L. FORD..... ALUMNI EDITOR

Published weekly during the college year by
the Kansas State College of Agriculture and
Applied Science, Manhattan, Kansas.

Except for contributions from officers of the
college and members of the faculty, the articles
in THE KANSAS INDUSTRIALIST are written by
students in the department of industrial journal-
ism and printing, which also does the me-
chanical work. Of this department Prof. C. E.
Rogers is head.

The price of THE KANSAS INDUSTRIALIST is
\$3 a year, payable in advance.

Entered at the postoffice, Manhattan, Kansas,
as second-class matter October 27, 1918. Act
of July 16, 1894.

Make checks and drafts payable to the K.
S. C. Alumni association, Manhattan, Kansas.
Subscriptions for all alumni and former students,
\$3 a year; life subscriptions, \$50 cash or in instal-
ments. Membership in alumni association in-
cluded.



WEDNESDAY, AUGUST 7, 1935

CHEMISTRY SAVES THE FARM

In a widely-read magazine published in the east, two writers expound a somewhat dubious outlook for agriculture under the heading: "Chemistry Wrecks the Farm." The nub of their discussion is the manner in which synthetics are replacing the traditional methods of production on the farm. They do some viewing-with-alarm, declare that the day of the traditional farmer and his rustic isolation is over, and announce that the farmer is no longer an independent entrepreneur.

Synthetic production, they explain, first wrecked the dye industry, then the textile industry. It revolutionized the drug business. It now threatens the rubber industry, promises to bring changes in the field of foodstuffs. The raising of sheep will become obsolete. Factory production of milk is sure to come . . . and so on, these writers believe.

Some such replacements and changes likely will occur. They will be for the better, else they will not come. But synthetic milk advocates were abroad in the land years ago, and we should remember that sheep are grown for meat as well as for wool. Moreover, major adjustments to new conditions usually are made slowly. Remembering these things helps one to keep his feet on the ground.

That title, "Chemistry Wrecks the Farm," is attractive only as a catchy headline. It could more honestly read: "Chemistry Saves the Farm." Chemistry annually saves millions of acres of crops from insect pests—corn from chinch bugs, alfalfa from grasshoppers, potatoes from potato bugs, apples from the codling moth.

Chemistry analyzes the rations of farm livestock and tells farmers how better to feed. It enables farmers to retrieve worn-out land, eradicate the destructive bindweed, and add millions to their annual income by treating the seed of oats and grain sorghums.

Chemistry makes the farm dynamic. It keeps it from getting into a deep rut. If chemistry brings about major change and adjustment on one agricultural front, creating a temporary crisis there, it relieves a crisis in some other quarter. The chemist's record to date is one of saving the farm rather than wrecking it.

KEEPING TEACHERS FIT

The physical condition of the school teacher is being given more and more attention as the oversupply of people in the profession makes it possible for boards and superintendents to be more exacting.

Some cities are placing teachers on probation as to their physical condition, and are finding the practice works excellently for all concerned, according to a recent nationwide survey made by the office of education in Washington, D. C.

"Teachers after employment should be put and kept in the best condition for work," insists Dr. James F. Rogers, consultant in hygiene, under whom the survey was conducted. "Remediable defects should be corrected. Habits interfering with the best service should not be tolerated.

An annual examination by the school physician should produce good results."

The most common errors in personal hygiene revealed by periodical health examinations of more than five thousand teachers were found to be insufficient recreation, fresh air, and exercise, eating too much carbohydrate food, drinking too little water, and (believe it or not) habitual use of patent medicines. Defective vision, diseased tonsils, hernia, overweight, and flat feet were the most frequently discovered diseases and defects.

Though there was some pressure thus upon teachers to get or keep fit, provisions for sick leave were usually found to be considerate. Five cities granted unlimited sick leave at full salary, yet in one of them (Bristol, R. I.) in the 10 years that privilege has been granted there was the lowest recorded average for absence of teachers because of illness—1.17 days average loss of time for 85 persons.

Teachers needn't feel abused or indignant over this supervision of their physical welfare. More and more in this twentieth century it becomes necessary not only for teachers but for everyone to keep fit.

BOOKS

Back to Laissez Faire

"The New Deal and Foreign Trade."
By Alonzo E. Taylor. The Macmillan Company. New York. 1935. \$3.

An interesting, vigorous and valuable writer, Dr. Alonzo E. Taylor, director of the food research institute at Stanford university, has enlisted in the growing army of persons who question or deny the practicability of the recovery and reform programs of the national administration.

In this book the author assumes that the administration's philosophy of international trade is described in Secretary Wallace's pamphlet, *America Must Choose*, published in February, 1934. In that pamphlet Secretary Wallace states that America must choose one of three courses with reference to agricultural production: (1) nationalism, which would require the restricting of production to domestic requirements; (2) internationalism, which would require a large increase in our imports of foreign merchandise; and (3) "a planned middle course," advocated by Secretary Wallace and requiring some restriction of production and some increase in our imports.

Doctor Taylor makes an elaborate and critical examination of Secretary Wallace's thesis in its relation to acreage contraction, population influences, monetary policies, bilateral trade treaties and other factors. He concludes that the Secretary's position is untenable; that a "planned middle course," although based upon the best of intentions, is impracticable because of imperfections in the so-called social sciences, limited and defective technical intelligence and lack of adequate social discipline. "Social planners," he says, "seem to make the assumption that the social sciences are as exact as the physical sciences." He adds that experimental knowledge in economics and sociology "is not adequate to constitute a safe foundation for far-reaching reconstruction."

The book closes with a prediction that indicates the author's conviction that in dealing with problems of international trade the world is going back to *laissez faire*: "Here and abroad, imports and exports will again be determined by costs and qualities, by elasticities of supply and demand, not by selection of goods and services by political officials, elected or appointed."

There is a copy of the book in the college library.—F. D. Farrell.

FAMILY PRODUCT

In eastern Kansas is an eighty-five acre farm on which grew up John Steuart Curry, one of the most distinguished of younger American painters. People who see it are inclined to wonder that an artist—particularly a definitely modern artist—came from this background. They have the notion that artists should come from the bohemia of Paris, from cloistered college halls, or, at the very least, from magnolia-perfumed Southern plantations.

That, however, is all beside the

point. Art is strictly local. When it becomes universal, as professors are fond of saying that it is, the fact is incidental. A painter is just as likely to come from a livestock farm, from sagebrush foothills, or from city slums as from a sophisticated studio. More so, perhaps.

Well, then, what of heredity? Do you expect a painter to come from a farm family? Why not? Plenty of painters have done so; plenty of other artists, too—musicians, poets, dancers. And very few artists have had children who turned out to be artists.

In the case of Mr. Curry there is an interesting clue. In discussing his upbringing he seems to feel a mild wonder that he became a painter when his parents did not follow the arts. Yet he mentions the fact that the elder Mr. Curry made enough money from eighty-five acres of farm

TEN YEARS AGO

The life membership fee of the Alumni association was changed from \$100 to \$50 at the annual business meeting of the association. Paid life memberships were held by 117 persons and pledges to pay life memberships by 75. Sixty-six of the 75 pledges were made by 1925 graduates.

Harold Amos, '16, and Olive (Wright) Amos, f. s. had a complete file of THE KANSAS INDUSTRIALIST for the past seven years.

TWENTY YEARS AGO

Nearly 200 degrees were granted by Dr. Henry Jackson Waters, president, at commencement exercises June 17. Six were master's degrees; approximately 60 per cent of the degrees were granted to men.

John R. Bender was newly elected head coach and director of athletics

FIFTY YEARS AGO

Two additions were made to the faculty roll: Prof. E. B. Cowgill was the new instructor in mechanics, physics, and engineering; Prof. O. E. Olin instructor in English and history.

Dr. A. D. Mayo of Boston, Mass., delivered the commencement address.

SIXTY YEARS AGO

THE KANSAS INDUSTRIALIST made a plea for 30 new subscribers and advertising, as its pocketbook contained only \$5 and a \$26 paper bill was due.

Good meals and a room containing a bedstead, chair, table, and stove, at \$2.75 a week, were offered to students by A. Todd.

SUNFLOWERS OVER THE CORN

Kenneth W. Porter in Poetry

Here where the fierce devouring Sun's
Arrows of burning gold beat down—
Unfenced by palisades of rain—
Through all the summer, skeletons
Of corn, dust-grey and brittle-brown,
Lie on the ruinous battle-plain
Which hordes like those of Timur hold,
Equipped with massive flame-rayed
shields
Beaten from freshly-plundered gold:
Vast armies of the Sun's own flowers
Flooding the wide-horizoned fields
Above the empty silo-towers.

SUNFLOWERS

H. W. D.

A SLEEPING PLACE FOR PA

The great Tugwell Sahara has many summer vexations, and not the least of them is the problem of a place for Pa to sleep during July and August.

Being by way of becoming an experienced virtuoso in the fine art of slumbering almost any place through the long reaches of the torrid, breathless summer nights, I have decided to give the world the benefit of all I've learned about it up to now.

During the past few weeks I have slept, so to speak, in my weedy back yard, in the glider on the terrace, on the east screened-in porch, on the floor near every window in the flophouse, in the basement—on beds, day-beds, studio couches, mattresses, quilts, grass, concrete, rugs, and wood. The piano, the ice box, and the antique marble-top table have so far not functioned as cooling blocks for my weary bones, but each day I feel more and more inclined toward them.

You may suspect me of exaggerating a little, but you don't know. If your home were blessed with as sweet a case of intermittent house-guestitis as is mine, you would realize that father's temporal resting place is as uncertain as the hide-out of Public Enemy No. 1.

But to my message! I have reached a suspicion, father somnambulists; and what I suspect is that the only thing a chronic host can do is lease a secret emergency bunk in some local cold storage plant and arrange a mysterious disappearance for himself along about eleven or twelve each evening.

I believe his family and their guests would grow callous to his vanishing and cease to wonder where on earth he could be resting up for the day to come. If he'd bestir himself to amount to more in their lives, it might not be so bad. But I'm confident they'd soon be accustomed to supposing he'll get along somehow—since he always somehow has.

I don't know whether the Amalgamated Cold Storage Operators of America have ever considered exploiting this expansion possibility or not; but I figure they can do as well on fathers as they can on furs, particularly since furs have slumped so awfully during our late depression.

Fathers have slumped too, and are still slumping—slumberless. But nobody seems to care about that.

Returning to town in the stage-coach, which was filled with Mr. Gilman's guests, we stopped for a minute or two at Kentish Town. A woman asked the coachman, "Are you full inside?" Upon which Lamb put his head through the window and said, "I am quite full inside; that last piece of pudding at Mr. Gilman's did the business for me."—Lamb.

Our Libraries

Nelson Antrim Crawford
in The Household Magazine

In my town and in your town the public library is in a deplorable situation. I doubt if there is any town or city in the United States in which this is not true. Money is lacking to buy books, to pay needed help, even to pay for heat and light. In 1929, for example, libraries spent sixteen million dollars for books; in 1934, half a million.

At the same time the salaries of political employees are being restored to pre-depression figures. It is easy to see why. Political employees furnish votes for the political machines. Frequently, too, they have easy consciences. On the other hand, librarians are trained, intelligent persons trying to serve their communities rather than political machines. Moreover, they are against graft; they are not willing even to take commissions in the purchase of books or permit politicians to do so. No wonder no political machine has any devotion to a library.

If libraries are to get back on their feet again, therefore, the public must demand it. The question is, do libraries mean more to us than do the general run of political employees? Do we find a competent librarian and a good collection of books, magazines, and newspapers more useful than, say, a third assistant auditor? There is no doubt as to the answer that most of us would make. We know what a good library means to children in school, what it means to adults who want to carry their education further, what it means in entertainment and stimulation to every one who cares about reading.

A women's club could find few better projects than a concerted effort to get adequate support for the public library in its town. This does not necessarily imply higher taxes. It does imply cutting down on waste, reducing the number of political employees in the community, eliminating activities that are of limited benefit to the public. The politicians won't listen to a librarian, but they will listen to women who make it clear that here is a vital matter which means votes at the next election.

land to take his wife to Europe on their honeymoon—at a time when agriculture was at a low ebb and when a trip to Europe was not usual, even for the very well-to-do. Which suggests that he was a remarkably successful farmer and also a man of original notions—and success and originality do seem to run in families, even though the members may express the traits differently.

Also, the painter Curry's mother brought home from Europe not tourist junk but reproductions of the best paintings that she saw in the galleries. Again, one sees an unusual family trait—discrimination, taste.

To me it is not surprising that the eighty-five acre farm produced a great painter. To be strictly accurate, the farm did not produce him. Rather, he is the product of a successful, original-minded father and a discriminating mother—one of the rarest of combinations.—Nelson Antrim Crawford in The Household.

IN OLDER DAYS

ONE YEAR AGO

Fire destroyed Denison hall, chemistry-physics building, the night of August 3. The building was constructed in 1902 at a cost of \$70,000 and contained equipment valued at \$112,000. The estimated replacement cost of the physical structure was \$250,000.

THIRTY YEARS AGO

In the fall the college was to begin erection of a \$50,000 horticultural building and greenhouses. The college owned 430 acres of land, valued at \$50,000, and leased 150 acres additional. Buildings were Anderson hall, gymnasium, Mechanics hall, Horticultural hall, Horticultural laboratory, Armory, Fairchild (library) hall, Kedzie (domestic science) hall, Agricultural hall (later the education building), Physical Science hall, Auditorium, Dairy hall, Farm barn, Dairy barn, Horticultural barn.

FORTY YEARS AGO

The class of 1895 was called the "Jumbo" class of the college, as 57 received the bachelor of science degree. Each graduate presented at the twenty-seventh annual commencement an abstract of his thesis. The exercises began at 9 a. m. and ran to 4 p. m., with an hour and a half intermission at noon. Three persons won the master of science degree: Louis Paul Brous, '86, for proficiency in architecture and designing and mathematics; James Guthrie Harbord, '86, engineering, veterinary science; Bertha S. Kimball, '90, entomology, horticulture.

AMONG THE ALUMNI

Katherine (Oldham) Sisson, '92, is now living at 1040 Chanda court, Long Beach, Calif.

Ernest H. Freeman, '95, was honored at the spring commencement at the college this year by being granted the degree of doctor of engineering. Doctor Freeman is head of the electrical engineering department of the Armour Institute of Technology in Chicago. He lives at 601 Laurel avenue, Wilmette, Ill.

Dr. Fred M. Hayes, '08, is professor of veterinary science at the University of California. His address is 129 A street, Davis, Calif.

George W. Kolterman, '13, is president of the First National bank of Golden City, Mo.

Leonhardt Swingle, '13, is a rancher and date grower at Indio, Calif.

Arthur E. McClymonds, '15, is regional director of the soil erosion service in Colorado. He and Isla (Bruce) McClymonds, '16, are living at 1137 East Platte avenue, Colorado Springs, Colo.

F. A. Gougler, M. S. '15, is general manager of the Illinois Producers Creameries. His address is 209 Pennsylvania avenue, Urbana, Ill.

Nathan Arthur Gish, '16, is farming near Junction City. His address is box 282, Junction City.

Ruth (Daum) Pitts, '17, lives at 738 North DeQuincy, Indianapolis, Ind.

Robert Kerr, '18, is directing the construction of the Mohawk dam near Warsaw, Ohio. Mr. Kerr is a field engineer with George M. Brewster and Son, Inc. of Bogota, N. J. He is located at 219 North Fourth street, Coshocton, Ohio.

Clyde C. Key, '18, is a construction engineer with the United States Treasury department. He and Helene (Shenton) Key live at 50 Lenox avenue, East Orange, N. J.

Edwin F. Whedon, '19, is vice-principal of the George Washington high school in Los Angeles, Calif. He and Hazel (Merrillat) Whedon, '19, live at 835 South Lorraine boulevard, Los Angeles, Calif.

Mary Anna Grimes, '20 is textiles and clothing specialist at the Texas agricultural experiment station, College Station, Tex. Miss Grimes is studying at the Massachusetts Institute of Technology this summer.

Rolla W. McCall, '21, is a shelter-belt assistant in the forest service of the United States department of agriculture. His address is box 573, Kinsley.

Fern (Coles) Saxton, '22, and R. E. Saxton, f. s. '24, are living at 210 East Forest street, Victoria, Tex.

W. S. Magill, '23, is a mechanical engineer doing manufacturing development for the Western Electric Company, Inc., 100 Central avenue, Kearny, N. J.

Dr. R. Q. Javier, '24, has resigned his position with the College of Veterinary Science in Los Banos, Laguna, Philippine Islands, and is now engaged in business for himself. His address is Dupax, Nueva Vizcaya, Philippine Islands.

Morse Salisbury, '24, is living at 1650 Howard street, Washington, D. C. Mr. Salisbury is with the United States department of agriculture.

William Edward Forney, '25, is a petroleum research chemist with the Doherty Research company, 60 Wall street, New York City. The laboratory and research equipment is located at Petty Island, N. J. Mr. Forney is living at 3022 Penn street, Merchantville, N. J.

O. L. Norton, '25, is teaching vocational agriculture at Glasco.

August I. Balzer, '26, received his master's degree in entomology from Kansas State college this spring. His address is box 2967, Beaumont, Tex.

Velma (Lockridge) McKee, '26, is writing advertising copy at the L. S. Donaldson company, Minneapolis, Minn.

Sidney Eberhart, '26, visited the college in May. He is assistant county engineer at Olathe.

Wilma Clack, f. s. '26, is living at 318 West street, Hutchinson.

Harold Batchelor, '27, called at

the alumni office July 6. Mr. Batchelor is doing photophone engineering work with the R. C. A. manufacturing company, Camden, N. J. He and Lenore (Cress) Batchelor, f. s., are living at 303 Ninth avenue, Haddon Heights, N. J.

Beulah Siddens, '28, teaches home economics and civics in the Kensington high school.

Rufus G. Obrecht, '28, is radio field engineer of the General Electric company at Atlanta, Ga. Mr. Obrecht travels through the seven southeastern states and spends all of his time in radio work. His address is 193 Spring street, N. W., Atlanta, Ga.

Claude Herbert Moreland, '28, lives at 1047 South Water street, Wichita.

Marceline Markle, '29, will teach home economics and foods at Atchison next year. During the past year she taught at Concordia.

Isabel Gillum, M. S. '29, is completing her work as a dietitian in the Belvue hospital in New York City.

Earl C. Richardson, '30, is doing reporting, advertising, and general newspaper work for the Telegram Publishing company of Garden City. Mr. Richardson and Eva B. (Hixson) Richardson, '30, are living at 618 Eleventh street, Garden City.

Austin Goth, M. S. '30, is a farm management demonstrator with the extension service of Montana State college, Bozeman, Mont.

Elmer Schrag, '31, is teaching vocational agriculture in Silver Lake.

W. D. Sandford, '31, called at the alumni office in May. He is now with company 734, CCC, Ellington, Mo.

Ladek Charles Fiser, '31, will coach football and basketball at Atchison high school the coming year. Mr. Fiser coached at Washington the past year.

Robert E. Pfuetze, '32, received his M. D. degree from Kansas university school of medicine in June. He is an interne in Bell Memorial hospital in Kansas City, Kan.

Elizabeth Poole, '33, lives at 715 Laramie street, Manhattan. She is a stenographer in the AAA office at the college.

Lucy Nixon, '33, is home adviser at Oskaloosa.

Justine Brening, '34, has completed her training as a dietitian in the Michael Reese hospital in Chicago and has accepted a position as dietitian in St. Joseph's hospital in Mishawaka, Ind.

DEATHS

PADDLEFORD

Araminta (Holman) Paddleford, f. s. '22, died July 5 at her home in Manhattan. Mrs. Paddleford was a former member of the college faculty. She is survived by her husband, two sisters, and five brothers.

DOBBS

Nellie (Little) Dobbs, '90, died July 13 in Seattle, Wash. Mrs. Dobbs was an extensive writer of poetry for children. She is survived by her husband, C. J. Dobbs, '90, a sister, Dr. Belle Little, '91; a daughter Jean (Dobbs) Frank, M. S. '25, and another daughter, Charlotte (Dobbs) Widrig.

SELLENS

Chester Sellens, f. s. '35, of Russell was killed July 14 in an automobile collision. Sellens was a freshman at Kansas State college last year.

BASYE

Vera Alberta Basye, f. s. '35, died July 17 in the college hospital at Manhattan. She had been ill of pneumonia for about a week. Miss Basye had been teaching near her home town of Coats. She is survived by her parents, a brother, and a sister.

CALL

Colonel Lewis W. Call, '83, died June 26 at his home in Chevy Chase, Md. Colonel Call entered the army in July, 1884, as a private and rose to the rank of colonel in 1918.

IRVING

Mrs. Sallie Maud (Smith) Irving, '04, died July 18 in Manhattan. She is survived by her husband and five daughters.

LOOKING AROUND

KENNEY L. FORD

Kenney L. Ford, '24, alumni secretary, is arranging a series of alumni picnic meetings to be held in Kansas during the last two weeks in August. He plans to hold meetings in various counties and invite alumni, prospective students, and high school teachers from the county and surrounding counties to attend. Last year a similar tour was conducted by Coach Lynn Waldorf and the alumni secretary. The meetings were attended by many Kansas Aggies.

The proposed schedule for this year is as follows: Noon luncheon, August 19 at Emporia; picnic, evening of August 19 at El Dorado; picnic, evening of August 20 at Oswego; picnic evening of August 21 at Iola; picnic, evening of August 22, at Paola; noon luncheon, August 26, Garden City; picnic, evening of August 26 at Scott City; picnic, evening of August 27 at Colby; picnic, evening of August 28 at Hill City; picnic, evening of August 29 at Beloit.

In addition to the above schedule tentative plans are being made for alumni picnic meetings to be held at the following places: Noon luncheon, August 19 at Newton; picnic, evening of August 19 at Kingman; picnic, evening of August 20 at Larned; picnic, evening of August 21 at Dodge City; picnic, evening of August 22 at Ulysses; luncheon, noon of August 26 at Oskaloosa; picnic, evening of August 26 at Hiawatha; picnic, evening of August 28 at Concordia; and picnic, evening of August 29 at Ellsworth. These meetings will be attended by Vance Rucker, '28, of the extension division. Other representatives from the college will also take part in both tours if arrangements can be made.

The K. S. C. Alumni association is going through one of its occasional financial slumps. There is a distinct need for new annual and life members. Annual membership is \$3.00 per year. The life membership is \$50 payable in ten monthly installments of \$5 each. All life membership money goes into the alumni loan fund. THE KANSAS INDUSTRIALIST is sent to all active members of the association.

Many alumni are surprised when informed that no appropriation has ever been made for the replacement of Denison hall, chemistry and physics building, destroyed by fire a year ago. It is hoped that such an appropriation will be made at a special session of the state legislature to be called possibly in September.

Kansas State college will receive many more gifts and bequests from her alumni and friends in the future than in the past. The alumni office receives occasional gifts of \$1 to \$25 for the alumni loan fund. This type of giving will become much more popular, and why not?

MARRIAGES

WILLIAMS—LAUTZ

Word has been received of the marriage on March 17 of Bess Williams and Philip O. Lautz, '32. Their address is 1908 Harrison street, Amarillo, Tex. Mr. Lautz is a special electrical apprentice for the Atchison, Topeka and Santa Fe railroad. He is working on air-conditioning, car lighting, and Diesel-Electric locomotives.

BARRE—BURHOOP

Announcement has been received of the marriage on March 26 of Johanna Barre, '29, and Werner B. Burhoop. They are living at Tampa where Mr. Burhoop is farming.

SEXSON—REED

Hollis Sexson, '34, of Goodland and Ernest Reed, '33, were married June 6. Mrs. Reed has been teaching home economics in the St. Francis high school during the past year. Mr. and Mrs. Reed are spending the summer in Boulder, Colo., where Mr. Reed is attending the University of Colorado. Mr. Reed teaches in the Smith Center high school. They will live in Smith Center.

BUCHHEIM—STOESS

The marriage of Elsie Buchheim, '15, and Rudolph Stoess was June 8. They are living at 36 West Twelfth avenue, Denver, Colo.

HUTTER—STEGMAN

Announcement was made recently of the marriage on August 18, 1934, of Adelaide Hutter, '32, and Earl R. Stegman, '34, in Manhattan. Mrs. Stegman has been employed in an office in Manhattan. Mr. Stegman has a position with the Caterpillar Tractor company of Peoria, Ill. Their address is 221 North University avenue, Peoria, Ill.

NICKELS—BAXTER

Announcement was recently received of the marriage of Mary Vivien Nickels, '32, Manhattan, and George Baxter, Glasco, December 26, 1934. Mrs. Baxter has been teaching in the schools of Randolph and Glasco. Mr. Baxter is coaching in Glasco.

HUGUNIN—RUSSELL

The marriage of Imogene Hugunin, '34, Manhattan, and Robert H. Russell, '30, Manhattan, was May 26 in Manhattan. Mrs. Russell has been doing social case work in Riley county. Mr. Russell is employed by the state highway commission. They are living at 728 Ohio street, Lawrence.

DICKISON—ERICKSON

Omeda Dickison, '31, and Ance Erickson were married May 25 in Nevada, Mo. Mrs. Erickson has been the home economics instructor in the Leonardville high school for the past three years. They are at home in Riley.

STEETLE—BLACKBURN

The marriage of Marian Steetle and Philip Blackburn, f. s., '34, took place May 18 in Manhattan. Mrs. Blackburn has been giving private lessons in piano, voice, and violin in Herington. Mr. Blackburn is employed as chemical engineer for the Empire companies at Tallant, Okla. They are living at Barnsdall, Okla.

TOBUREN—GREENEGARD

Esther Toburen, '31, and Lawrence Greenegard were married May 19 in Salina. Mrs. Greenegard has been teaching home economics in the Westmoreland and Winona high schools. They are living in Cleburne where Mr. Greenegard is engaged in business at the Shehi Hardware store.

GILLETTE—NICHOLSON

The marriage of Bernice Gillette, f. s. '32, and Irvin Nicholson took place May 20 in Oberlin. Mrs. Nicholson has taught school in Selden for the past two years. Mr. Nicholson is manager of the Foster Lumber company in Selden. They will live there.

WILSON—LOOMIS

The marriage of Cleo Grace Wilson, f. s. '35, and John Ira Loomis, f. s. '35, took place May 26 in Manhattan. Mr. and Mrs. Loomis are living at Jewell.

ALLEN—WILDER

Dorothea Allen of Oskaloosa and Glen Wilder, f. s. '34, were married May 5 at the home of the bride's aunt in Wilsey.

BIRTHS

Ralph W. Sherman, '24, and Mary E. (Sholl) Sherman announce the birth of a son, Ralph William, Jr., on June 27. Mr. and Mrs. Sherman live at 118 Trenton avenue, White Plains, N. Y.

Penn Thompson, '33, and Leonice (Fisher) Thompson, '34, of Concordia are the parents of a daughter, Janet Rae, born May 26.

Marion Phillips, '33, and Dorothy (Shreve) Phillips of Kenmare, N. D., announce the birth of a daughter, Marion Dorothy, on May 26.

Captain J. B. Sweet, '17, and Mary (Weible) Sweet, '17, Schofield Barracks, T. H., announce the birth of a daughter, Margaret Burton, on May 27.

Henry S. Garat and Margaret (Brenner) Garat, '26, are the parents of a daughter, Grace Marie, born June 7. Mr. and Mrs. Garat live at Tuscarora, Nev.

J. E. Lamar and Evelyn (Colburn) Lamar, '25, are the parents of a daughter, Miriam Eleanor, born June 15. Mr. and Mrs. Lamar live at 407 West Green street, Urbana, Ill.

VALUABLE HERD BOOKS GIVEN TO COLLEGE DEPARTMENT

Volumes On Scotch Aberdeen-Angus from Alumnus and His Family

Recently the department of animal husbandry received as a gift from T. J. Anderson, Mrs. Maude Anderson Crandall and L. E. Crandall, the first 31 volumes of the Scotch Aberdeen-Angus herd books, the first volume of which was published in 1862.

Behind this valuable gift is a story. In 1878 Thomas Anderson and George Findlay, both formerly of Aberdeen, Scotland, established at Lake Forest, Ill., the first herd of purebred Aberdeen-Angus cattle in the United States.

Land values rose in Illinois and Anderson and Findlay accumulated 2,000 acres near Iola, Kan. This ranch was named Allendale, and between 1894 and 1897 all cattle owned by this farm were removed to Kansas under the management of T. J. Anderson, a son of the original Thomas Anderson.

In 1912 T. J. Anderson retired and presented his daughter, Mrs. Maude Anderson Crandall, with a foundation herd which is still maintained at LeRoy, Kan., by her husband, L. E. Crandall, a graduate of Kansas State college with the class of 1918.

HELEN CORRELL-BROWNE HAS SUMMER PLAY LEAD

Cast of 17 Others, Directed by Heberer, In 'Distant Drums'

Mrs. Helen Correll-Browne, '26, of Norton played the feminine lead in the summer school play here Friday night, June 28. Mrs. Browne impersonated the pioneer woman, Eunice Wolfhill, in the production, "Distant Drums." Prof. H. Miles Heberer directed the play.

Mrs. Browne, a daughter of Prof. and Mrs. C. M. Correll, attended high school and college here, playing a prominent part in amateur dramatics and in forensics. Since graduation in 1925 she has returned to the campus several times to play the feminine lead in productions of the theater group.

Other members of the cast of the play were: Leo Ayers, Pasadena, Calif.; Leslie Blake, Glasco; Thornton Edwards, Junction City; Eunice Justis, Washington; Elsie Kirby, Stilwell; Elvon Skeen, Eskridge; Max Bickford, Phillipsburg; Marguerite Hargrove, Effingham; Alice Sloop, Nortonville; and Robert Summers, Pauline Compton, Jo Marie Wise, George Hellmer, James Barker, Theodore Skinner, Albert Worrell, and Lloyd Mordy, all of Manhattan.

Hundreds Attend Party

Several hundred persons attended the annual summer school party Wednesday night, July 24, in Memorial stadium. This was the only all-school party for the 988 summer session students. The program included music by the college orchestra, a burlesque by the men's glee club, stunts by H. Miles Heberer of the department of public speaking and by the girls' glee club, and xylophone music by Charles Moorman. An all-school dance followed the program.

Fairbanks to Goodland

Paul "Pete" Fairbanks, '33, formerly of Topeka, will coach athletics at Goodland, Kan., high school next year. Prof. L. P. Washburn of the Kansas State college physical education department announces. Fairbanks is a former Kansas State athlete. He was most prominent as an end on the football team. He has been coaching at St. Johns military academy in Salina.

Fockele to Missouri Office

Glen Fockele, '29, who for several years has been a member of the staff of the Kansas City Star, has been promoted from the Kansas City, Kan., office to the city desk in the Kansas City, Mo., office where he is doing general assignment work as a reporter and rewrite man.

Earl Wheeler, '05, called at the alumni office during April. It was Mr. Wheeler's first visit to the campus since 1905. Mr. Wheeler is a consulting engineer in the office of the technical director of Sears, Roebuck and company of Chicago. He lives at 504 South Lincoln, Hinsdale, Ill.

WILLARD TO BE RETIRED FROM VICE-PRESIDENCY

**WILL DEVOTE FULL TIME TO
DUTIES OF COLLEGE HISTORIAN**

**President Farrell Hopes To Have His-
tory Published in 1938, Year the Col-
lege Will Celebrate Its Seventy-
Fifth Anniversary**

President F. D. Farrell has announced a major change in the personnel of the college staff whereby Dr. Julius T. Willard, vice-president and for 52 years on the faculty, will be released from other duties to become college historian. Doctor Willard will retire from the vice-presidency and devote his full time to the duties of historian beginning January 1, 1936. He will be succeeded by Dr. Samuel A. Nock, Titusville, Pa.

Doctor Willard has been unofficial college historian many years and has been collecting historical material throughout his 56 years of affiliation with the college—four as a student and 52 as an employee. President Farrell, in announcing the change, expressed the hope that Doctor Willard might complete the history in time to have it published in 1938, the year the college will celebrate its seventy-fifth anniversary. To make this possible it was necessary to relieve Doctor Willard of all other duties.

HIS RECORD UNEQUALED

Completion of Doctor Willard's 50 years as a staff member was celebrated April 5, 1933, with a banquet in his honor. His record with the college has been unequalled in length of service.

The change, President Farrell pointed out, involves the first action taken as a result of the recommendations made in the Twenty Year plan for the college. It calls for combining duties of the vice president and registrar under a single head, and gradually bringing under this head the duties of the committee on admission and the committee on advanced credit. This work is to be taken over by the new vice-president.

CAME HERE IN 1879

Doctor Willard came to the college as a student from Wabunsee county early in November, 1879. In 1883 he was graduated, receiving a bachelor of science degree. A short time later he was made a member of the staff of what was then Kansas State Agricultural college. Doctor Willard's field for research and teaching was chemistry. He performed such meritorious service for the experimental station as a chemist and for the college as a professor of chemistry and in administrative work that he was in 1908 awarded the honorary degree, doctor of science. He had earned his master's degree in 1886.

The retiring vice president was dean of the college division of general science from 1909 to 1930 and a professor of chemistry from 1897 to 1918, when he took over the dual role of dean of general science and vice president. Most of the more than ten thousand graduates of the college knew him personally by the time they won their degrees. Although more than 73 years old Doctor Willard continues his regular office duties. He travels widely, returning early in the summer from the International Rotary convention in Mexico City and more recently from a vacation trip to Green Mountain Falls, Colo.

He married Lydia P. Gardiner. A son, Dr. Charles Julius Willard, is professor of agronomy on the staff of Ohio State university, Columbus.

HAS MUCH MATERIAL

When asked about the nature of the history he is to write, Doctor Willard said he had been collecting material ever since his first connection with the college as a member of the staff. First he gathered the material only for his own use and convenience. President Jardine and later President Farrell urged him to spend a part of his time compiling a history. As a result he has accumulated a permanent source of reference material for the college.

This information has been card indexed alphabetically and chronologically during the past few years and will be a valuable source of material in compiling the history. Doctor Willard says he hopes to make the book "a story of the evolution of the college." He intends, he says, to take one phase of college activity at a time and develop it from the founding of the school to the present, then take another phase or department

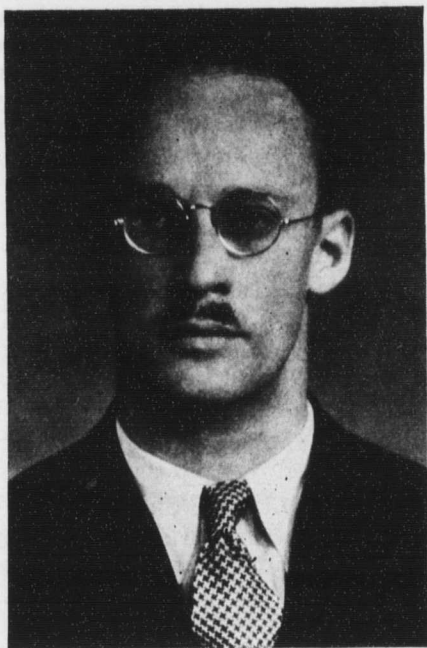
and develop it, rather than attempt to develop the history of the entire institution as a unit. This, he believes will be more interesting and readable.

DR. S. A. NOCK APPOINTED COLLEGE VICE-PRESIDENT

**Graduate of Haverford, Carleton, and
University of Dorpat, Will Succeed
Willard January 1**

Dr. Samuel A. Nock of Titusville, Pa., will become vice-president of Kansas State college January 1, 1936, President F. D. Farrell announced following confirmation of the appointment by the state board of regents.

Doctor Nock, who is 34 years old and holds degrees from Haverford college, Carleton college, and the



DR. SAMUEL A. NOCK

University of Dorpat in Esthonia, will succeed Dr. J. T. Willard as vice-president. On the same date Doctor Willard will become college historian.

Under the new setup Doctor Nock will combine under one executive head the work of the vice-president's office, the registrar's office, the committee on admission and the committee on advanced credit. Miss Jessie Machir, registrar, and members of her staff in that office, will be retained with their present titles and responsibilities, but will report to the new vice-president instead of to the president of the college as heretofore.

The change, President Farrell pointed out in announcing the appointment, is the first unit undertaken in connection with the Twenty Year plan which was adopted during the past year.

Doctor Nock comes to Kansas State college with an outstanding record in teaching and administrative work. He is a son of Rev. Albert J. Nock, an Episcopal minister and a frequent contributor to the Atlantic Monthly and other publications.

The new vice-president was graduated from Haverford college in 1921. He earned a master of arts degree from Carleton college in 1927 and two years later a Ph. D. degree from the University of Dorpat in Esthonia. He is a member of Phi Beta Kappa.

Doctor Nock's teaching and administrative work includes the teaching of English at Virginia Polytechnic institute, at Carleton college, and at Rice institute. While working toward a doctorate at the University of Dorpat in 1928-29 he was a lecturer in American language and literature at the institution. He did the same type of work later in 1929 at the University of Leipzig.

From 1932 to 1934, inclusive, Doctor Nock was director of the foreign study department of the University of Delaware at Munich, Germany. He at one time edited a newspaper at Cody, Wyo.

Football Schedule, 1935

Sept. 27—Duquesne U. (Night), Pittsburgh
Oct. 5—Fort Hays Kansas State College, MANHATTAN
Oct. 11—Marquette U. (Night), Milwaukee
Oct. 19—Nebraska U. (Homecoming), MANHATTAN
Oct. 26—Kansas U., Lawrence
Nov. 2—Tulsa U., Tulsa
Nov. 9—Iowa State College, Ames
Nov. 16—Oklahoma U. (Parents' Day), MANHATTAN
Nov. 23—Missouri U., Columbia

No one can be perfectly free till all are free; no one can be perfectly moral till all are moral; no one can be perfectly happy till all are happy.—Spencer.

PRESIDENT ANNOUNCES FACULTY STAFF CHANGES

(Concluded from front page)

Pittsburgh whereby Prof. O. D. Hunt, electrical engineering, will teach at the University of Pittsburgh and Prof. R. W. Ahlquist of the University of Pittsburgh will teach at Kansas State college.

Other faculty changes on the approved list:

Dr. C. M. Siever, resigned, to be succeeded by Dr. M. W. Husband.

Prof. Harold Howe, agricultural economist, to succeed Prof. R. M. Green, resigned.

Assistant Professor George Montgomery promoted to Professor Howe's position.

I. K. Landon, in charge of southeast Kansas experimental fields, resigned, and F. E. Davidson appointed to succeed him.

Assistant Professor C. A. Logan, agricultural engineering, resigned, E. L. Barger promoted to succeed him. J. C. Olsen has resigned as an instructor in machine drawing and design.

Louis C. Aicher, Jr., to be graduate research assistant in electrical engineering.

Earl D. Hansing to be graduate assistant in botany and plant pathology.

Lieutenant Karl C. Frank to succeed Lieutenant H. H. Myrah in military science and tactics.

Wesley L. Fry to succeed Lynn Waldorf as head coach of football and Stanley Williamson to succeed Wesley L. Fry as assistant football coach.

Prof. G. E. Raburn, physics, to be on indefinite leave of absence because of ill health.

Mary Taylor, household economics, resigned, to be succeeded by Dr. Leila Doman, associate professor.

Major Hermann C. Dempewolf has been hired as associate professor of military science and tactics, succeeding Captain W. A. Swift, transferred; Milford J. Peters, Halstead, has been employed to succeed Major E. L. Claeren, who recently resigned as military property custodian after more than 50 years of service in the army.

June Roberts was employed July 1, 1935, to June 30, 1936, as instructor in agricultural engineering.

The leave of Walter G. Ward, extension engineer, has been extended to August 31, 1935.

A. G. Pickett has been employed as temporary assistant district supervisor in extension, effective July 1, 1935.

Miss Olga C. Larson employed as home demonstration agent in Labette county, effective July 1, 1935.

W. H. Pine, county agent in Labette county, has resigned.

DEGREES CONFERRED ON 111 AT COMMENCEMENT

(Concluded from front page)

Howard Walter Phelps, Manhattan; Louis Charles Schwanke, Alma.

Bachelor of science in mechanical engineering—Vern Emmett Stepp, Neodesha.

DIVISION OF HOME ECONOMICS

Bachelor of science in home economics—Geraldine Mabel Bender, Holton; Edna Marjorie Brubaker, Marysville; Hildred Ann Cooper, Lyons; Pauline Violet Crawford, Luray; Fern Lucille Dixon, Agra; Elizabeth Fairline Ezzell, Parsons; Evelyn Pauline Pratt; Mary Frances Jordan, Topeka; Zella Mary Klevan, Manhattan; Ethel May Kurz, Coldwater; Carrie Elizabeth Marshall, Westmoreland; Helen Ruth Meyer, Anthony; Lela Ruth Oliver, Iola; Elma Joyce Olson, Manhattan; Hattie Elizabeth Reynolds, Gary, Ind.; Margaret Jean Turner, Hartford; Esther Elizabeth Walter, Princeton.

DIVISION OF GENERAL SCIENCE

Bachelor of science in commerce—Morris Finkelstein, Syracuse, N. Y.; Carl Lawrence Kirk, Winfield; Charles Ragland Lutz, Hutchinson; Sidney Bertrand North, Coffeyville; Leland John Propp, Marion; Carl William Schnell, Manhattan; Charles Frederick Turner, Hartford.

Bachelor of science—William Everett Brown, Junction City; Gerald W. Cayane, Coffeyville; Ruth Elizabeth Crouch, Everest; Lawrence Aldon Darnell, Osborne; Alice Louise Denton, Manhattan; Hal Hollingsworth Doolittle, Manhattan; LaVare June Fossnight, Ottawa; Edward Thomas Haslam, Council Grove; Hazel Ruth Heikes, Wakefield; Myrtle Helena Johnson, Concordia; Ned William Kimball, Manhattan; James Daniel Mayden, Junction City; Donald Wesley Miller, Hanover; Gladys Esther Niles, Liberal; Lawrence Eric Spong, Enterprise; Elsie May Tempore, Clay Center; Wallace William Thurston, Elmdale; Roland Franklin Turner, Manhattan; James Paul Vandergriff, Douglass, Paul Chapman Wilber, Belleville.

Bachelor of science in industrial chemistry—Buell Wesley Beadle, Talmage; Garland Clarence Hoglund, Miller; Guy Hussey Lemon, Manhattan.

Bachelor of science in industrial journalism—Elsie Duesing, Morrill;

Emma Anne Storer, Muncie; John Boyd Underwood, Manhattan.

Bachelor of science in music education—Bethel Almira McFillen, Cedar; Helen M. McGill, Moscow; Oral Leland Roberts, Ogden; Lois Laverne Schnoor, Manhattan.

Bachelor of science in physical education—Oren Paul Stoner, Sabetha.

DIVISION OF GRADUATE STUDY

Ross Harris Anderson, B. S., Kansas State College of Agriculture and Applied Science, 1930, Richland; Silas Solomon Bergsma, B. S., Kansas State College of Agriculture and Applied Science, 1929, Howard; Marguerite Virginia Chaffin, B. S., Kansas State College of Agriculture and Applied Science, 1931, Caldwell; Roy Engle Clegg, B. S., Kansas State College of Agriculture and Applied Science, 1922, Atama; Dorothy Rosencrans Donnelly, B. S., Kansas State College of Agriculture and Applied Science, 1934, Manhattan; Margaret Lansden Foster, B. S., Kansas State College of Agriculture and Applied Science, 1926, Manhattan; Hazel Dell Howe, B. S., Kansas State College of Agriculture and Applied Science, 1921, Manhattan; Walter Clare Hulbert, B. S., Kansas State College of Agriculture and Applied Science, 1934, Wichita; Ruth Alice Kramer, B. S., Northwest Missouri State Teachers college, 1933, Maryville, Mo.; Peter Rudolph Linscheid, A. B., Bethel college, 1925, Attica; Norman John Mellies, B. S., Kansas State College of Agriculture and Applied Science, 1933, Ellinwood; Clark Leroy Morford, B. S., Kansas State College of Agriculture and Applied Science, 1932, Olsburg; Donald Dudley Murphy, B. S., Kansas State College of Agriculture and Applied Science, 1922, Gardner; Winifred Ann Nachtrieb, B. S., Kansas State College of Agriculture and Applied Science, 1930, Atchison; Alma Dale Newell, B. S., Kansas State College of Agriculture and Applied Science, 1916, Durham; James Thomas Newton, B. S., Kansas State Teachers college, Pittsburg, 1930, Douglass; Myra Jane Newton, B. S., State College of Washington, 1931, Chewelah, Wash.; Ernest Lee Raines, B. S., Kansas State College of Agriculture and Applied Science, 1924, Mound City; Hubert Maxwell Rivers, B. S., Kansas State College of Agriculture and Applied Science, 1934, Hutchinson; Mariam Rogers, B. A., Coe College, 1934, Cedar Rapids, Ia.; Lavelle Robert Schruben, B. S., Kansas State College of Agriculture and Applied Science, 1932, Centralia; Howard Dewight Smethers, B. S., Kansas State Teachers college, Emporia, 1927, Haddam; Arch Thompson, B. S., Oklahoma Agricultural and Mechanical college, 1925, Blackwell, Okla.; Forrest Lorenzo Walker, B. S., Kansas State Teachers college, Pittsburg, 1932, Manhattan; Paul Frank Warner, B. S., Kansas State College of Agriculture and Applied Science, 1934, Manhattan; John Hendrick Whitlock, D. V. M., Iowa State College of Agriculture and Mechanic Arts, 1934, Manhattan.

*In absentia.

HARGER URGES GRADS TO ASSUME OBLIGATIONS

(Concluded from front page)

nity. This is a duty to the college and to the commonwealth as a part of the recompense for the benefits received.

"Second, the graduate owes a duty to his community. The problems of the city, the village and the rural area are many. It is essential that qualified men and women serve in official and semi-official capacities. Schools, city government and various organizations offer to the graduate positions in which to exercise the training obtained. Our boards of education should have their membership largely from men and women of college training. Our city commissions and councils would have a larger vision if college men served thereon.

"Too often college graduates avoid such preferment—and some good hand shaker is chosen. He may be worthy and an honest citizen but a college education would insure larger comprehension of service to the community. The women's clubs with their constantly widening influence give to college women a chance to extend helpfulness in the betterment of their surroundings. Legislatures would give a greater service to the state were there more college educated men—and women, too—in their membership. We need all the intelligent law-making we can obtain in these troublous times.

"Then the college graduate owes an obligation to his alma mater. No college trained man or woman but regards with affection the school where were spent four years. Its progress, its interests, should be near their hearts. The college spirit never dies. The board of regents looks to the alumni for assistance in the task—and it has not been disappointed.

"So the graduate takes on many obligations. All are in the direction of a better community life and a finer American citizenship. As the years go on, as life's work unfolds, the appreciation of the state's generosity in opening the doors of the state schools to youth will be more fully appreciated."

The vocation of every man and woman is to serve other people.—Tolstol.

INDICATIONS POINT TO ENROLMENT INCREASE

**REGISTRATIONS FOR CAPACITY OF
VAN ZILE HALL BY MID-JULY**

**Inquiries Concerning Work, Requests
for Information and Catalogs,
Greater Number Grade Trans-
cripts Are Factors**

The college calendar for Sept. 6 to 11:

Sept. 6, Friday—All members instructional force on duty.

Sept. 7, Saturday—Meeting of assigners with committee on schedule at 2 o'clock.

Sept. 7, Saturday—Meeting of assigners with deans at 3 o'clock.

Sept. 9, Monday—Admission and registration of students begins at 7:45.

Sept. 9, Monday—Examinations for students deficient in entrance subjects, 8 a. m. to 5 p. m.

Sept. 10, Tuesday—Registration of students closes at 4 o'clock.

Sept. 11, Wednesday—Classes meet according to schedule, beginning at 8 o'clock.

Fall semester enrolment, which showed a market increase in 1934, may show still another increase this year when enrolment closes September 10. Although college authorities do not wish to make estimates, a comparison of the number of grade transcripts filed, the number of inquiries for information and work, the number of applications for space in residence halls, and the number of applications for C. S. E. P. work are believed to be fairly accurate indicators of what may be expected.

Correspondence with prospective students, handled through the office of Vice-President J. T. Willard, has been about the same as during the corresponding period last year. However, 901 transcripts of high school grades have been received and filed as compared with 599 during the corresponding period last year, an increase of slightly more than 50 per cent.

C. S. E. P. A FACTOR

Part of the increase in the number of transcripts is believed due to the fact that transcripts must be filed before applications for C. S. E. P. work will be considered. However, this was a factor last year also. Enrolment this year will no doubt be affected considerably by the number of jobs made available through C. S. E. P. employment, it is believed.

Many inquiries about the college, transcripts of grades, and requests for college catalogs have been received from the east, particularly New York and New Jersey. Numerous inquiries from the east are from boys who wish to come here to study veterinary medicine. The lower cost of obtaining a college education in the middle west is one of the principal reasons for this interest.

Although correspondence at the office of the men's adviser, Dr. A. A. Holtz, has been relatively light this year, there has been a remarkable increase in the volume of mail the past two weeks, Doctor Holtz says.

A DORMITORY WAITING LIST

Dean Mary P. Van Zile reports that registration for the maximum capacity at Van Zile hall, girls' dormitory with accommodations for 129, were received by July 15, much earlier than last year. The waiting list is growing rapidly.

Correspondence at the office of the dean of women is greater than last year, with more requests for jobs than ever before.

Richardson a C. of C. Secretary

Earl C. Richardson, '30, has been employed as secretary of the Garden City chamber of commerce, succeeding R. E. Stotts who has been appointed postmaster. While in college Richardson was employed by the Seaton publications. He went to Garden City in 1931 and has since been employed on the Daily Telegram.

Mrs. Wolf a Housemother

Mrs. Minnie Marks Wolf of Council Grove has been employed as housemother by the Sigma Phi Epsilon fraternity for next year, succeeding Mrs. J. D. Ritchey who was killed in an automobile accident near Lees Summit, Mo., last month.

Chapman to Manhattan High

James P. Chapman, '32, who is working toward a master of science degree here, has been employed to teach English and journalism in the Manhattan senior high school next year. For the past two years Chapman taught in the Arlington rural high school.